

**ΒΙΟΓΡΑΦΙΚΟ ΣΗΜΕΙΩΜΑ**  
27/12/2021**ΓΕΩΡΓΙΟΣ ΦΛΟΥΡΗΣ**  
ΚΥΡΙΟΣ ΕΡΕΥΝΗΤΗΣ  
ΙΝΣΤΙΤΟΥΤΟ ΠΛΗΡΟΦΟΡΙΚΗΣ, ΙΤΕ**ΠΡΟΣΩΠΙΚΕΣ ΠΛΗΡΟΦΟΡΙΕΣ**

Ημερομηνία Γέννησης: 31 Μαρτίου, 1976  
Τόπος Γέννησης: Αθήνα, Ελλάδα  
Υπηκοότητα: Ελληνική  
Στρατιωτικές Υποχρεώσεις: Στρατός Ξηράς (26/5/1997-26/11/1998)

**ΕΠΙΚΟΙΝΩΝΙΑ****Εργασία**

Διεύθυνση: Ίδρυμα Τεχνολογίας και Έρευνας (Ι.Τ.Ε.)  
Ινστιτούτο Πληροφορικής (Ι.Π.)  
Εργαστήριο Πληροφοριακών Συστημάτων (Ε.Π.Σ.)  
Βασιλικά Βουτών  
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**Κατοικία**

Διεύθυνση: Ζαχαριουδάκη 5, Μασταμπάς  
Τ.Κ. 71305, Ηράκλειο Κρήτης  
Ελλάδα  
Τηλέφωνο: +30 2810 259243

**ΤΡΕΧΟΥΣΑ ΘΕΣΗ**

Κύριος Ερευνητής (Β' Βαθμίδας) στο Ίδρυμα Τεχνολογίας και Έρευνας (ΙΤΕ),  
Ινστιτούτο Πληροφορικής (ΙΠ), Εργαστήριο Πληροφοριακών Συστημάτων (ΕΠΣ).

**ΕΡΕΥΝΗΤΙΚΑ ΕΝΔΙΑΦΕΡΟΝΤΑ**

- Αναπαράσταση Γνώσης και Συλλογιστική (με έμφαση στη Προέλευση Δεδομένων και στη Μη-μονότονη Συλλογιστική)
- Τεχνητή Νοημοσύνη (με έμφαση στην Αναθεώρηση Πεποιθήσεων, Υπολογιστική Επιχειρηματολογία και Πειθώ μέσω Επιχειρημάτων)

- Σημαιολογικές Τεχνολογίες (με έμφαση στην Δυναμική Οντολογιών, συμπεριλαμβανομένων των πεδίων της Εξέλιξης και Επιδιόρθωσης Οντολογιών, και της Ανίχνευσης Αλλαγών)

## ΕΚΠΑΙΔΕΥΣΗ

2001-2006:	Διδακτορικό στην Επιστήμη Υπολογιστών, Πανεπιστήμιο Κρήτης Θέμα: Αναθεώρηση Πεποιθήσεων και Εξέλιξη Οντολογιών Επόπτης: Δημήτρης Πλεξουσάκης Τομέας: Πληροφοριακά Συστήματα Βαθμός: 8,44
1999-2001:	Μεταπτυχιακό στην Επιστήμη Υπολογιστών, Πανεπιστήμιο Κρήτης Θέμα: Αναθεώρηση Πεποιθήσεων σε Βάσεις Γνώσεων Επόπτης: Δημήτρης Πλεξουσάκης Τομέας: Πληροφοριακά Συστήματα, Αλγόριθμοι και Ανάλυση Συστημάτων Βαθμός: 8,62
1993-1998:	Πτυχίο Μαθηματικών, Εθνικό και Καποδιστριακό Πανεπιστήμιο Αθηνών Σειρά Εισαγωγής: 8/225 Βαθμός: 6,82 (Very Good)

## ΓΛΩΣΣΕΣ

### Ελληνικά (Μητρική γλώσσα)

### Αγγλικά (Άριστα)

- 1997: Πιστοποιητικό Επάρκειας Διδασκαλίας για την Αγγλική Γλώσσα  
1994: Certificate of Proficiency in English (CPE), Cambridge University (Grade: C)  
1991: First Certificate in English (FCE), Cambridge University (Grade: B)  
1990: Certificate of Knowledge of English for Speakers of Other Languages, Intermediate Level, Pitman Examinations Institute

### Γαλλικά (Καλά)

- 1991: Certificat de Langue Francaise (Grade: Bien)

### Ιταλικά (Καλά)

Αυτοδίδακτος, παραμονή στην Ιταλία για περίπου ένα χρόνο συνολικά

## ΒΡΑΒΕΙΑ ΚΑΙ ΥΠΟΤΡΟΦΙΕΣ

- 2021: Best Paper Award (με τους Αλέξανδρο Βασιλειάδη, Θεόδωρο Πάτκο, Αντώνη Μπικάκη, Νίκο Βασιλειάδη και Δημήτρη Πλεξουσάκη) στο 4<sup>th</sup> International Conference on Logic and Argumentation (CLAR-21)
- 2021: Best Paper Award (με τους Ιωάννη Χρυσάκη, Μαρία Μακρινδάκη, Θεόδωρο Πάτκο, Γιάννη Ρουσάκη, Γεώργιο Σαμαριτάκη, Νικολέτα Τσαμπανάκη, Ηλία Τζωρτζακάκη, Έλλη Υμεράλλη, Tom Seymoens, Αναστασία Δήμου, Ruben Verborgh) στο 35<sup>th</sup> Annual IFIP WG 11.3 Conference on Data and Applications Security and Privacy (DBSec-21)
- 2020: Most Influential Scholar Award Honorable Mention, για συνεισφορές στο πεδίο “Knowledge Engineering” την περίοδο 2009-2019 από το AMiner

- 2018: Best Workshop Paper Award (με τους Βασίλη Παπακωνσταντίνου και Ειρήνη Φουντουλάκη) στο 12<sup>th</sup> International Workshop on Scalable Semantic Web Knowledge Base Systems (SSWS-18)
- 2017: Best Doctoral Consortium Paper Award (για την εργασία της διδακτορικής μου φοιτήτριας Δήμητρας Ζωγραφιστού, σε συνεργασία με τον Δημήτρη Πλεξουσάκη) στο International Joint Conference on Rules and Reasoning 2017 (RuleML+RR)
- 2015: Best Student Paper Award (με τους Γιάννη Ρουσάκη, Γιάννη Χρυσάκη, Κώστα Στεφανίδη και Γιάννη Σταύρακα) στο 14<sup>th</sup> International Semantic Web Conference (ISWC-15)
- 2009: Best Student Paper Award (με τους Βίκυ Παπαβασιλείου, Ειρήνη Φουντουλάκη, Δημήτρη Κοτζίνο και Βασίλη Χριστοφίδη) στο 8<sup>th</sup> International Semantic Web Conference (ISWC-09)
- 2006-2007: Μεταδιδακτορική Υποτροφία “Alain Bensoussan”, από το ERCIM
- 2006: Best Paper Award (με τους Δημήτρη Πλεξουσάκη και Γρηγόρη Αντωνίου) στο 3<sup>rd</sup> European Starting AI Researcher Symposium (STAIRS-06), IOS Press
- 2005-2006: Υποτροφία Επιμόρφωσης-Εξειδίκευσης, ΙΤΕ-ΙΙΙ
- 2004-2005: Υποτροφία «Μανασάκη», Πανεπιστήμιο Κρήτης
- 2000-2005: Υποτροφία Ερευνητή-Μεταπτυχιακού Φοιτητή, ΙΤΕ-ΙΙΙ
- 1999-2000: Υποτροφία Προσανατολισμού, Πανεπιστήμιο Κρήτης
- 1994-1997: Υποτροφία «Παπαδάκη», Ίδρυμα Κρατικών Υποτροφιών (ΙΚΥ)

### ΕΡΓΑΣΙΑΚΗ, ΔΙΔΑΚΤΙΚΗ ΚΑΙ ΕΡΕΥΝΗΤΙΚΗ ΕΜΠΕΙΡΙΑ

- 2020-σήμερα: Συντονιστής της Ομάδας Συμβολικής Τεχνητής Νοημοσύνης (SymbAI) του Εργαστηρίου Πληροφοριακών Συστημάτων (ΕΠΣ) στο Ίδρυμα Τεχνολογίας και Έρευνας (ΙΤΕ), Ινστιτούτο Πληροφορικής (ΙΠ)
- 2017-σήμερα: Κύριος Ερευνητής (Βαθμίδα Β') στο Ίδρυμα Τεχνολογίας και Έρευνας (ΙΤΕ), Ινστιτούτο Πληροφορικής (ΙΠ), Εργαστήριο Πληροφοριακών Συστημάτων (ΕΠΣ)
- 2017-2018: Σε 6-μηνη ερευνητική άδεια, στο University College London (σε συνεργασία με τον Αντώνη Μπικάκη) και Sapienza University of Rome (σε συνεργασία με τον Riccardo Rosati)
- 2014-2017: Ερευνητής (Βαθμίδα Γ') στο Ίδρυμα Τεχνολογίας και Έρευνας (ΙΤΕ), Ινστιτούτο Πληροφορικής (ΙΠ), Εργαστήριο Πληροφοριακών Συστημάτων (ΕΠΣ)
- 2007-2013: Ερευνητής Αναλυτής στο Ίδρυμα Τεχνολογίας και Έρευνας (ΙΤΕ), Ινστιτούτο Πληροφορικής (ΙΠ), Εργαστήριο Πληροφοριακών Συστημάτων (ΕΠΣ)
- 2006-2007: Μεταδιδακτορικός Υπότροφος στο Consiglio Nazionale delle Ricerche (CNR), Istituto della Scienza e delle Tecnologie della Informazione (ISTI)
- 2006: Συνεργαζόμενος Ερευνητής στο Ίδρυμα Τεχνολογίας και Έρευνας (ΙΤΕ), Ινστιτούτο Πληροφορικής (ΙΠ), Εργαστήριο Πληροφοριακών Συστημάτων (ΕΠΣ)
- 1999-2006: Βοηθός Καθηγητή σε διάφορα μαθήματα, όπως Δομές Δεδομένων, Διακριτά Μαθηματικά, Λογική, Θεωρία Βάσεων Δεδομένων, Αλγόριθμοι και Πολυπλοκότητα, Πληροφοριακά Συστήματα,

Μοντελοποίηση Πληροφοριών και θεωρία Υπολογισμού στο Τμήμα  
Επιστήμης Υπολογιστών του Πανεπιστημίου Κρήτης  
1998-1999: Προγραμματιστής στην Εταιρεία Διαχείρισης Αμοιβαίων Κεφαλαίων  
Intertrust ΑΕΔΑΚ, με κύρια καθήκοντα την ανάπτυξη εφαρμογών  
πελάτη-διακομιστή σε Visual Basic και SQL, καθώς και την  
συντήρηση της ιστοσελίδας της εταιρείας

## ΤΡΕΧΟΝΤΑ ΚΑΙ ΟΛΟΚΛΗΡΩΜΕΝΑ ΈΡΓΑ

1. *DKG: Distributed Knowledge Graphs*  
Χρηματοδότηση: H2020 - COST (European Cooperation in Science and  
Technology) Association  
Περίοδος: 2020-2024  
Ρόλος: Μέλος του Management Committee, εθνικός εκπρόσωπος για  
την Ελλάδα  
Προϋπολογισμός: (μη καθορισμένος)
2. *Μήνυμα-στο-Μπουκάλι (MiB): Ένα σύστημα παροχής εξειδικευμένης πληροφορίας  
ιχνηλασιμότητας σε επίπεδο φιάλης*  
Χρηματοδότηση: Επιχειρησιακό Πρόγραμμα «Κρήτη» 2014-2020, 1.b.2  
«Συμπράξεις επιχειρήσεων με Οργανισμούς Έρευνας και  
Διάδοσης Γνώσεων, σε τομείς της RIS3Crete»  
Περίοδος: 2020-2023  
Ρόλος: Βοηθός Επιστημονικού Υπευθύνου  
Προϋπολογισμός: 183 Κ€
3. *KnowGraphs: Knowledge Graphs at Scale*  
Χρηματοδότηση: European Commission, H2020-MSCA-ITN-2019, ITN  
Περίοδος: 2019-2023  
Ρόλος: Μέλος της ερευνητικής ομάδας  
Προϋπολογισμός: 243 Κ€
4. *DebateLab: From Linked Data to Linked Arguments*  
Χρηματοδότηση: Ελληνικό Ίδρυμα Έρευνας και Καινοτομίας (ΕΛΙΔΕΚ),  
«1η Προκήρυξη ερευνητικών έργων ΕΛΙΔΕΚ για την  
ενίσχυση των μελών ΔΕΠ και Ερευνητών/τριών και την  
προμήθεια ερευνητικού εξοπλισμού μεγάλης αξίας»  
Περίοδος: 2020-2023  
Ρόλος: Επιστημονικός Υπεύθυνος Έργου  
Προϋπολογισμός: 200 Κ€
5. *CAP-A: A Community-driven Approach to Privacy Awareness*  
Χρηματοδότηση: NGI\_Trust 1st Open Call (ref: NGI\_TRUST 2019001)  
Περίοδος: 2019-2020  
Ρόλος: Συντονιστής Έργου  
Προϋπολογισμός: 144 Κ€
6. *SoCoLA: Towards Socio-Cognitive Logic-based Agents*  
Χρηματοδότηση: Ελληνικό Ίδρυμα Έρευνας και Καινοτομίας (ΕΛΙΔΕΚ),  
«1η Προκήρυξη Ερευνητικών Έργων ΕΛΙΔΕΚ για την  
Ενίσχυση Μεταδιδακτόρων Ερευνητών/Τριών»  
Περίοδος: 2018-2022  
Ρόλος: Μέλος της ερευνητικής ομάδας  
Προϋπολογισμός: 171 Κ€

7. *Sommelier: A Recommendation System for Wine-Food Matching*  
 Χρηματοδότηση: Εσωτερικό έργο ΙΤΕ-ΙΠ  
 Περίοδος: 2017-2019  
 Ρόλος: Μέλος της ερευνητικής ομάδας  
 Προϋπολογισμός: 50 Κ€
8. *HOBBIT: Holistic Benchmarking of Big Linked Data*  
 Χρηματοδότηση: European Commission, H2020-ICT-16-2015, RIA  
 Περίοδος: 2015-2018  
 Ρόλος: Μέλος της ερευνητικής ομάδας  
 Προϋπολογισμός: 355 Κ€
9. *Methinks: A Platform for Managing Online Comments*  
 Χρηματοδότηση: Εσωτερικό έργο ΙΤΕ-ΙΠ  
 Περίοδος: 2015-2017  
 Ρόλος: Συντονιστής Έργου  
 Προϋπολογισμός: 100 Κ€
10. *DIACHRON: Managing the Evolution and Preservation of the Data Web*  
 Χρηματοδότηση: European Commission, FP7-ICT-2011-4.3, IP  
 Περίοδος: 2013-2016  
 Ρόλος: Κύριος Ερευνητής  
 Προϋπολογισμός: 703 Κ€
11. *McRHE: Multi-context Reasoning in Heterogeneous Environments (ΣΠΠΑΕΠ: Συλλογιστική Πολλαπλών Πλαισίων Αναφοράς σε Ετερογενή Περιβάλλοντα)*  
 Χρηματοδότηση: Εθνική χρηματοδότηση, 12SLO\_ET29\_1087, κοινό Ελληνο-Σλοβακικό έργο ΕΣΠΑ  
 Περίοδος: 2013-2015  
 Ρόλος: Συντονιστής Έργου  
 Προϋπολογισμός: 15 Κ€
12. *IdeaGarden: An Interactive Learning Environment Fostering Creativity*  
 Χρηματοδότηση: European Commission, FP7-ICT-2011-8, IP  
 Περίοδος: 2012-2015  
 Ρόλος: Μέλος της ερευνητικής ομάδας  
 Προϋπολογισμός: 335 Κ€
13. *LDBC: Linked Data Benchmark Council*  
 Χρηματοδότηση: European Commission, FP7-ICT-2011-8, STREP  
 Περίοδος: 2012-2015  
 Ρόλος: Μέλος της ερευνητικής ομάδας  
 Προϋπολογισμός: 259 Κ€
14. *APARSEN: Alliance for Permanent Access to the Records of Science in Europe Network*  
 Χρηματοδότηση: European Commission, FP7-ICT-2009-4.1, NoE  
 Περίοδος: 2011-2014  
 Ρόλος: Μέλος της ερευνητικής ομάδας  
 Προϋπολογισμός: 310 Κ€
15. *PlanetData*  
 Χρηματοδότηση: European Commission, FP7-ICT-2009-5, NoE  
 Περίοδος: 2010-2014  
 Ρόλος: Κύριος Ερευνητής

Προϋπολογισμός: 328 Κ€

16. *KP-Lab: Developing Knowledge-Practices Laboratory*

Χρηματοδότηση: European Commission, FP6-2004-IST-4, IP

Περίοδος: 2006-2011

Ρόλος: Υπεύθυνος Πακέτου Εργασίας

Προϋπολογισμός: 952 Κ€

17. *CASPAR: Cultural, Artistic and Scientific knowledge for Preservation, Access and Retrieval*

Χρηματοδότηση: European Commission, FP6-2005-IST-2.5.10, IP

Περίοδος: 2006-2009

Ρόλος: Μέλος της ερευνητικής ομάδας

Προϋπολογισμός: 665 Κ€

## ΕΠΙΒΛΕΨΗ ΚΑΙ ΣΥΝΕΠΙΒΛΕΨΗ ΦΟΙΤΗΤΩΝ

### Διδακτορικοί Φοιτητές

1. *Κωνσταντίνος Βάρσος (Διδακτορικό, 2017-σήμερα)*  
 Συνεπιβλέποντες: Μιχάλης Φασουλάκης, Μαρίνα Μπιτσάκη, Δημήτρης Πλεξουσάκης  
 Θέμα (προσωρινό): Μελέτη καταστάσεων ισορροπίας σε παίγνια με παραπληροφόρηση
2. *Αργυρώ Αυγουστάκη (Διδακτορικό, 2015-σήμερα)*  
 Συνεπιβλέποντες: Δημήτρης Πλεξουσάκης  
 Θέμα (προσωρινό): Μία γλώσσα επερωτήσεων για δεδομένα με πληροφορία προέλευσης
3. *Κατερίνα Παπαντωνίου (Διδακτορικό, 2015-σήμερα)*  
 Συνεπιβλέποντες: Θεόδωρος Πάτκος, Δημήτρης Πλεξουσάκης  
 Θέμα (προσωρινό): Συλλογιστική σε περιβάλλοντα με ψεύδος
4. *Δήμητρα Ζωγραφιστού (Διδακτορικό, 2013-2019)*  
 Συνεπιβλέποντες: Θεόδωρος Πάτκος, Δημήτρης Πλεξουσάκης  
 Θέμα: ArgQL: Μία τυπική και δομημένη γλώσσα υποβολής επερωτήσεων σε επιχειρηματολογικούς διαλόγους

### Μεταπτυχιακοί Φοιτητές

1. *Νένα Μπασινά (Μεταπτυχιακό, 2018-2019)*  
 Συνεπιβλέποντες: Θεόδωρος Πάτκος, Δημήτρης Πλεξουσάκης  
 Θέμα: ECAVI: Ένα εργαλείο για ανάλυση και οπτικοποίηση του Λογισμού Συμβάντων
2. *Κωνσταντίνος Κρεατσούλας (Μεταπτυχιακό, 2018-2019)*  
 Συνεπιβλέποντες: Θεόδωρος Πάτκος, Δημήτρης Πλεξουσάκης  
 Θέμα: CAPhone: Μία πλατφόρμα συλλογικής επίγνωσης για την προστασία προσωπικών δεδομένων στις εφαρμογές έξυπνων κινητών συσκευών
3. *Πρόδρομος Λιλίτσης (Μεταπτυχιακό, 2016-2017)*  
 Συνεπιβλέποντες: Θεόδωρος Πάτκος, Δημήτρης Πλεξουσάκης  
 Θέμα: Ταξιδιωτικός Βοηθός: Μια εφαρμογή για υποβοήθηση ταξιδιών βασιζόμενη σε Τεχνητή Νοημοσύνη και Επαυξημένη Πραγματικότητα

4. *Νικολέτα Τσαμπανάκη (Μεταπτυχιακό, 2016-2017)*  
 Συνεπιβλέποντες: Θεόδωρος Πάτκος, Δημήτρης Πλεξουσάκης  
 Θέμα: Ένα μοντέλο κοινή λογικής για την αναθεώρηση πεποιθήσεων σε δυναμικά περιβάλλοντα με χρήση Λογισμού Συμβάντων
5. *Ελισιάνα Υμεράλλη (Μεταπτυχιακό, 2014-2016)*  
 Συνεπιβλέποντες: Θεόδωρος Πάτκος, Δημήτρης Πλεξουσάκης  
 Θέμα: Αporpsis: Μια πλατφόρμα για την ανάλυση δομημένων διαλόγων
6. *Φίλιππος Γουίδης (Μεταπτυχιακό, 2013-2016)*  
 Συνεπιβλέποντες: Θεόδωρος Πάτκος, Δημήτρης Πλεξουσάκης  
 Θέμα: Επιδιόρθωση ακολουθιακών σχεδίων ενεργειών σε δυναμικά περιβάλλοντα
7. *Τζανίνα Σαβέτα (Μεταπτυχιακό, 2013-2014)*  
 Συνεπιβλέποντες: Melanie Herschel, Ειρήνη Φουντουλάκη, Δημήτρης Πλεξουσάκης  
 Θέμα: SPIMBench: Ένα κλιμακώσιμο, με επίγνωση σχήματος πλαίσιο αξιολόγησης συστημάτων αντιστοίχισης στιγμιοτύπων για την δημοσίευση σημασιολογικά εμπλουτισμένων δεδομένων
8. *Αργυρώ Αυγουστάκη (Μεταπτυχιακό, 2012-2014)*  
 Συνεπιβλέποντες: Ειρήνη Φουντουλάκη, Δημήτρης Πλεξουσάκης  
 Θέμα: Διαχείριση πληροφορίας προέλευσης σε SPARQL ενημερώσεις
9. *Μιχάλης Χόρτης (Μεταπτυχιακό, 2012-2013)*  
 Συνεπιβλέποντες: Βασίλης Χριστοφίδης  
 Θέμα: Πλαίσιο ανίχνευσης και διόρθωσης λαθών σε Βάσεις Γνώσης DL-Lite<sub>A</sub>
10. *Βασίλης Παπακωνσταντίνου (Μεταπτυχιακό, 2011-2013)*  
 Συνεπιβλέποντες: Ειρήνη Φουντουλάκη, Δημήτρης Πλεξουσάκης  
 Θέμα: Έλεγχος προσβασιμότητας σε RDF δεδομένα χρησιμοποιώντας αφηρημένα μοντέλα
11. *Χρήστος Στρομπούλης (Μεταπτυχιακό, 2011-2012)*  
 Συνεπιβλέποντες: Γιάννης Τζίτζικας, Martin Doerr, Δημήτρης Πλεξουσάκης  
 Θέμα: Συλλογιστική και εξέλιξη πληροφορίας προέλευσης βάσει γεγονότων
12. *Ηλίας Ταχμαζίδης (Μεταπτυχιακό, 2010-2012)*  
 Συνεπιβλέποντες: Γρηγόρης Αντωνίου  
 Θέμα: Μη μονότονη συλλογιστική μεγάλης κλίμακας
13. *Γιάννης Ρουσάκης (Μεταπτυχιακό, 2008-2010)*  
 Συνεπιβλέποντες: Βασίλης Χριστοφίδης  
 Θέμα: Προσωποποίηση δηλωτικών πολιτικών διόρθωσης για επιμελημένες Βάσεις Γνώσης
14. *Βίκυ Παπαβασιλείου (Μεταπτυχιακό, 2008-2009)*  
 Συνεπιβλέποντες: Ειρήνη Φουντουλάκη, Βασίλης Χριστοφίδης  
 Θέμα: Ντετερμινιστική αναγνώριση αλλαγών υψηλού επιπέδου σε Βάσεις Γνώσης RDF/S



15. *Παναγιώτης Πεδιαδίτης (Μεταπτυχιακό, 2007-2008)*  
 Συνεπιβλέποντες: Ειρήνη Φουντουλάκη, Βασίλης Χριστοφίδης  
 Θέμα: Επερώτηση και ενημέρωση RDF/S ονοματισμένων γράφων
16. *Γιώργος Κωνσταντινίδης (Μεταπτυχιακό, 2006-2008)*  
 Συνεπιβλέποντες: Βασίλης Χριστοφίδης, Γρηγόρης Αντωνίου  
 Θέμα: Αναθεώρηση γνώσης σε περιβάλλοντα σημασιολογικού ιστού
- Άλλοι Φοιτητές (Πρακτικές Ασκήσεις, Διπλωματικές Εργασίες)**
1. *Τζωρτζίνα Μαρκοπούλου (Πρακτική Άσκηση, 2019)*  
 Συνεπιβλέποντες: Θεόδωρος Πάτκος, Δημήτρης Πλεξουσάκης  
 Θέμα: Μελέτη δυνατοτήτων συστημάτων αυτόματου διαλόγου
2. *Στυλιανός Κονταζάκης (Πρακτική Άσκηση, 2019)*  
 Συνεπιβλέποντες: Νικολέτα Τσαμπανάκη, Θεόδωρος Πάτκος, Δημήτρης Πλεξουσάκης  
 Θέμα: Εισαγωγή δεδομένων κρασιών για το σύστημα Le Sommelier
3. *Μανώλης Δερμιτζάκης (Διπλωματική Εργασία, 2016-2018)*  
 Συνεπιβλέποντες: Γιάννης Χρυσάκης, Θεόδωρος Πάτκος, Δημήτρης Πλεξουσάκης  
 Θέμα: PRESS: Ένα σημασιολογικό αποθετήριο δημοσιεύσεων
4. *Νίκος Μιναΐδης (Διπλωματική Εργασία, 2016-2017)*  
 Συνεπιβλέποντες: Γιάννης Χρυσάκης, Θεόδωρος Πάτκος, Δημήτρης Πλεξουσάκης  
 Θέμα: Σύστημα διαχείρισης ταξιδιών
5. *Γιάννης Μοσχονάς (Πρακτική Άσκηση, 2015)*  
 Συνεπιβλέποντες: Θεόδωρος Πάτκος  
 Θέμα: Υλοποίηση διαλεκτικού μοντέλου για συνεργατική λήψη αποφάσεων
6. *Γιάννης Μοσχονάς (Διπλωματική Εργασία, 2014-2015)*  
 Συνεπιβλέποντες: Θεόδωρος Πάτκος, Ειρήνη Φουντουλάκη, Παναγιώτης Παπαδάκος, Δημήτρης Πλεξουσάκης  
 Θέμα: Ανιχνεύοντας συστάσεις και τάση απόψεων στο OpenGov.gr με χρήση τεχνικών μηχανικής μάθησης
7. *Γιώργος Σμυρναίος (Διπλωματική Εργασία, 2014-2015)*  
 Συνεπιβλέποντες: Θεόδωρος Πάτκος, Ειρήνη Φουντουλάκη, Παναγιώτης Παπαδάκος, Δημήτρης Πλεξουσάκης  
 Θέμα: Ανιχνεύοντας επιχειρήματα στο OpenGov.gr με χρήση τεχνικών μηχανικής μάθησης

## ΔΗΜΟΣΙΕΥΣΕΙΣ

### Δημοσιεύσεις σε Περιοδικά

- [1] Katerina Papantoniou, Panagiotis Papadakis, Theodore Patkos, Giorgos Flouris, Ion Androutsopoulos, Dimitris Plexousakis. Deception detection in text and its relation to the cultural dimension of individualism/collectivism. *Natural Language Engineering*, 2021. Also appeared as an arXiv preprint, under number 2105.12530, 2021.
- [2] Benjamin Canuel, Sven Abend, Pau Amaro-Seoane, Francesca Badaracco, Quentin Beaufils, Andrea Bertoldi, Kai Bongs, Philippe Bouyer, Claus Braxmaier,



- Walid Chaibi, Nelson Christensen, Florian Fitzek, Giorgos Flouris, Naceur Gaaloul, Stephane Gaffet, Carlos L. Garrido Alzar, Remi Geiger, Saida Guellati-Khelifa, Klemens Hammerer, Jan Harms, Jacques Hinderer, Michael Holynski, Joseph Junca, Stavros Katsanevas, Carsten Klempt, Christos Kozanitis, Markus Krutzik, Arnaud Landragin, Ignacio Lazaro Roche, Bastian Leykauf, Yu-Hung Lien, Sina Loriani, Sebastien Merlet, Mourad Merzougui, Miquel Nofrarias, Panagiotis Papadakos, Franck Pereira dos Santos, Achim Peters, Dimitris Plexousakis, Marco Prevedelli, Ernst M. Rasel, Yves Rogister, Severine Rosat, Albert Roura, Dylan Sabulsky, Vladimir Schkolnik, Dennis Schlippert, Christian Schubert, Leonid Sidorenkov, Jan-Niclas Siemss, Carlos Sopena, Fiodor Sorrentino, Christian Struckmann, Guglielmo M. Tino, Greg Tsagkatakis, Andrea Vicere, Wolf von Klitzing, Lisa Woerner, Xinhao Zou. ELGAR - a European Laboratory for Gravitation and Atom-interferometric Research. Classical and Quantum Gravity, DOI: 10.1088/1361-6382/aba80e, 2020.
- [3] Nikoleta Tsampanaki, Theodore Patkos, Giorgos Flouris, Dimitris Plexousakis. Revising Event Calculus Theories to Recover from Unexpected Observations. *Annals of Mathematics and Artificial Intelligence (AMAI)*, 2019.
- [4] Giorgos Flouris, Antonis Bikakis. A Comprehensive Study of Argumentation Frameworks with Sets of Attacking Arguments. *International Journal of Approximate Reasoning (IJAR)*, 109, 2019.
- [5] Evaggelia Pitoura, Panayiotis Tsaparas, Giorgos Flouris, Irimi Fundulaki, Panagiotis Papadakos, Serge Abiteboul, Gerhard Weikum. On Measuring Bias in Online Information. In *SIGMOD Record*, 46(4), pages 16-21, 2017. Also published in arXiv:1704.05730, 2017.
- [6] Eva Daskalaki, Giorgos Flouris, Irimi Fundulaki, Tzanina Saveta. Instance Matching Benchmarks in the Era of Linked Data. *Journal of Web Semantics. Journal of Web Semantics: Science, Services and Agents on the World Wide Web*, 39, 2016. Also appeared in the Journal Track of the 16<sup>th</sup> International Semantic Web Conference (ISWC-17), 2017.
- [7] Yannis Marketakis, Nikos Minadakis, Haridimos Kondylakis, Konstantina Konsolaki, Georgios Samaritakis, Maria Theodoridou, Giorgos Flouris, Martin Doerr. X3ML Mapping Framework for Information Integration in Cultural Heritage and Beyond. *International Journal on Digital Libraries (IJDL)*, Special Issue on “Extending, Mapping and Focusing the CIDOC CRM”, pages 1-19, 2016
- [8] Martin Homola, Theodore Patkos, Giorgos Flouris, Josef Frtus, Alexander Simko, Jan Sefranek, Dimitra Zografistou, Martin Balaz. Resolving Conflicts in Knowledge for Ambient Intelligence. *The Knowledge Engineering Review (KER)*, 30(05):455-513, 2015.
- [9] Fouad Zablith, Grigoris Antoniou, Mathieu d’ Aquin, Giorgos Flouris, Haridimos Kondylakis, Enrico Motta, Dimitris Plexousakis, Marta Sabou. Ontology Evolution: A Process Centric Survey. *Knowledge Engineering Review (KER)*, 30(01):45-75, 2015.
- [10] Christos Strubulis, Giorgos Flouris, Yannis Tzitzikas, Martin Doerr. A Case Study on Propagating and Updating Provenance Information Using the CIDOC CRM. *International Journal on Digital Libraries (IJDL)*, 15(1):27-51, 2014.
- [11] Marcio M. Ribeiro, Renata Wassermann, Giorgos Flouris, Grigoris Antoniou. Minimal Change: Relevance and Recovery Revisited. *Artificial Intelligence (AI) Journal*, 201:59-80, 2013.

- [12] Vicky Papavasileiou, Giorgos Flouris, Irini Fundulaki, Dimitris Kotzinos, Vassilis Christophides. High-Level Change Detection in RDF(S) KBs. *Transactions on Database Systems (TODS)*, 38(1), 2013.
- [13] Giorgos Flouris, George Konstantinidis, Grigoris Antoniou, Vassilis Christophides. Formal Foundations for RDF/S KB Evolution. *International Journal on Knowledge and Information Systems (KAIS)*, 35(1), pages 153-191, 2013.
- [14] Giorgos Flouris, Dimitris Manakanatas, Haridimos Kondylakis, Dimitris Plexousakis, Grigoris Antoniou. *Ontology Change: Classification and Survey*. *The Knowledge Engineering Review (KER)*, 23(2), pages 117-152, 2008.
- [15] Yannis Tzitzikas, Vassilis Christophides, Giorgos Flouris, Dimitris Kotzinos, Hannu Markkanen, Dimitris Plexousakis, Nicolas Spyrtos. Emergent Knowledge Artefacts for Supporting Trialogical E-Learning. *International Journal of Web-Based Learning and Teaching Technologies (IJWLTT)*, 2(3), pages 16-38, 2007.
- [16] Giorgos Flouris. *On Belief Change in Ontology Evolution*. *AI Communications Journal (AI-Com)*, 19(4), pages 395-397, PhD Thesis Summary, 2006.

#### **Δημοσιεύσεις σε Συνέδρια και Σεμινάρια με Κριτές**

- [1] Constantinos Varsos, Michail Fasoulakis, Giorgos Flouris, Marina Bitsaki. Coordination mechanisms with misinformation. In *Proceedings of the 14th International Conference on Agents and Artificial Intelligence (ICAART-22)*, 2022.
- [2] Katerina Papantoniou, Panagiotis Papadakos, Giorgos Flouris, Dimitris Plexousakis. Linguistic Cues of Deception in a Multilingual April Fools' Day Context. In *Proceedings of the 8<sup>th</sup> Italian Conference on Computational Linguistics (CLIC-it-2021)*, 2021. Also appeared as an arXiv preprint, under number 2111.03913, 2021.
- [3] Haridimos Kondylakis, Dimitrios G. Katehakis, Angelina Kouroubali, Kostas Marias, Giorgos Flouris, Theodoros Patkos, Irini Fundulaki, Dimitris Plexousakis. CareKeeper: A Platform for Intelligent Care Coordination. In *Proceedings of the 21st IEEE International Conference on BioInformatics and BioEngineering (BIBE-21)*, 2021.
- [4] Constantinos Varsos, Giorgos Flouris, Marina Bitsaki, Michail Fasoulakis. A Study of Misinformation Games. In *Proceedings of the 18<sup>th</sup> Pacific Rim International Conference on Artificial Intelligence (PRICAI-21)*, 2021.
- [5] Katerina Papantoniou, Vassilis Efthymiou, Giorgos Flouris. EL-NEL: Entity Linking for Greek News Articles. In poster *Proceedings of the 20<sup>th</sup> International Semantic Web Conference (ISWC-21)*, 2021. Candidate for Best Poster Award.
- [6] Alexandros Vassiliades, Giorgos Flouris, Theodore Patkos, Antonis Bikakis, Nick Bassiliades, Dimitris Plexousakis. A Multi Attack Argumentation Framework. In *Proceedings of the 4<sup>th</sup> International Conference on Logic and Argumentation (CLAR-21)*, 2021. Best Paper Award.
- [7] Alexandros Vassiliades, Theodore Patkos, Giorgos Flouris, Antonis Bikakis, Nick Bassiliades, Dimitris Plexousakis. Abstract Argumentation Frameworks with Domain Assignments. In *Proceedings of the 30<sup>th</sup> International Joint Conference on Artificial Intelligence (IJCAI-21)*, 2021.
- [8] Argyro Avgoustaki, Giorgos Flouris, Dimitris Plexousakis. A Declarative Query Language for Data Provenance. In *Proceedings of the 13<sup>th</sup> Workshop on the Theory and Practice of Provenance (TaPP-21)*, 2021.

- [9] Ioannis Chrysakis, Giorgos Flouris, Maria Makridaki, Theodore Patkos, Yannis Roussakis, Georgios Samaritakis, Nikoleta Tsampanaki, Elias Tzortzakakis, Elisjana Ymeralli, Tom Seymoens, Anastasia Dimou, Ruben Verborgh. A Rewarding Framework for Crowdsourcing to Increase Privacy Awareness. In Proceedings of the 35<sup>th</sup> Annual IFIP WG 11.3 Conference on Data and Applications Security and Privacy (DBSec-21), 2021. Best Paper Award.
- [10] Ioannis Chrysakis, Giorgos Flouris, George Ioannidis, Maria Makridaki, Theodore Patkos, Yannis Roussakis, Georgios Samaritakis, Alexandru Stan, Nikoleta Tsampanaki, Elias Tzortzakakis, Elisjana Ymerall. Evaluating the data privacy of mobile applications through crowdsourcing. In Proceedings of the 33<sup>rd</sup> International Conference on Legal Knowledge and Information Systems (JURIX-20), Short Paper, 2020.
- [11] Ioannis Chrysakis, Giorgos Flouris, George Ioannidis, Maria Makridaki, Theodore Patkos, Yannis Roussakis, Georgios Samaritakis, Alexandru Stan, Nikoleta Tsampanaki, Elias Tzortzakakis, Elisjana Ymerall. CAP-A: A Suite of Tools for Data Privacy Evaluation of Mobile Applications. In Proceedings of the 33<sup>rd</sup> International Conference on Legal Knowledge and Information Systems (JURIX-20), Demo Paper, 2020.
- [12] Alexandros Vassiliades, Theodore Patkos, Antonis Bikakis, Giorgos Flouris, Nick Bassiliades, Dimitris Plexousakis. Preliminary notions of arguments from commonsense knowledge. In Proceedings of the 11<sup>th</sup> Hellenic Conference on Artificial Intelligence (SETN-20), 2020.
- [13] Alexandru Stan, Konstantina Geramani, George Ioannidis, Ioannis Chrysakis, Giorgos Flouris, Maria Makridaki, Theodore Patkos, Yannis Roussakis, Georgios Samaritakis, Nikoleta Tsampanaki, Elias Tzortzakakis, Elisjana Ymeralli. CAP-A: A community-driven approach to privacy awareness. In Proceedings of the NEM Summit 2020, B' Smart - European Media Science and Technology Meets Arts, Application, Experimental and Business Track, 2020.
- [14] Ioannis Chrysakis, Giorgos Flouris, Theodore Patkos, Anastasia Dimou, Ruben Verborgh. REWARD: Ontology for reward schemes. In Poster Proceedings of the 17<sup>th</sup> Extended Semantic Web Conference (ESWC-20), 2020.
- [15] Giorgos Flouris, Theodore Patkos, Ioannis Chrysakis, Ioulia Konstantinou, Nikolay Nikolov, Panagiotis Papadacos, Jeremy Pitt, Dimitru Roman, Alexandru Stan, Chrysostomos Zeginis. Towards a collective awareness platform for privacy concerns and expectations. In Proceedings of the 26<sup>th</sup> International Conference on Cooperative Information Systems (CoopIS-18), part of the OTM Confederated International Conferences: On the Move to Meaningful Internet Systems, pages 135-152, 2018.
- [16] Vassilis Papakonstantinou, Irimi Fundulaki, Giorgos Flouris. Assessing Linked Data Versioning Systems: The Semantic Publishing Versioning Benchmark. In Proceedings of the 12<sup>th</sup> International Workshop on Scalable Semantic Web Knowledge Base Systems (SSWS-18), chosen as a Best Workshop Paper and selected for inclusion also in E. Demidova, A.J. Zaveri, E. Simperl (Eds.), Emerging Topics in Semantic Technologies, ISWC 2018 Satellite Events, ISBN: 978-3-89838-736-1, AKA Verlag Berlin, 2018.
- [17] Dimitra Zografistou, Giorgos Flouris, Theodore Patkos, Dimitris Plexousakis. Implementing the ArgQL Query Language. In Proceedings of the 7<sup>th</sup> International Conference on Computational Models of Argument (COMMA-18), short paper, 2018.

- [18] Tzanina Saveta, Irini Fundulaki, Giorgos Flouris, Axel-Cyrille Ngonga Ngomo. SPgen: A Benchmark Generator for Spatial Link Discovery Tools. In Proceedings of the 17<sup>th</sup> International Semantic Web Conference (ISWC-18), 2018.
- [19] Prodromos Lilitsis, Theodore Patkos, Giorgos Flouris, Dimitris Plexousakis. Travel Companion: A mobile system for trip assistance relying on Artificial Intelligence and Augmented Reality. In Proceedings of the 10<sup>th</sup> Hellenic Conference on Artificial Intelligence (SETN-18), poster presentation, 2018.
- [20] Filippos Gouidis, Theodoros Patkos, Giorgos Flouris, Dimitris Plexousakis. Dynamic Repairing A\*: A Plan-Repairing Algorithm for Dynamic Domains. In Proceedings of the 10<sup>th</sup> International Conference on Agents and Artificial Intelligence (ICAART-18), Short Paper, 2018.
- [21] Nikoleta Tsampanaki, Giorgos Flouris, Theodore Patkos. Steps Towards Commonsense-Driven Belief Revision in the Event Calculus. In Proceedings of the 13<sup>th</sup> International Symposium on Logical Formalizations of Commonsense Reasoning (Commonsense-17), 2017.
- [22] Elisjana Ymeralli, Giorgos Flouris, Theodore Patkos, Dimitris Plexousakis. APOPSIS: A Web-based Platform for the Analysis of Structured Dialogues. In Proceedings of the 16<sup>th</sup> International Conference on Ontologies, DataBases, and Applications of Semantics (ODBASE-17), 2017.
- [23] Vassilis Papakonstantinou, Giorgos Flouris, Irini Fundulaki, Kostas Stefanidis, Yannis Roussakis. SPbv: Benchmarking Linked Data Archiving Systems. In Proceedings of the 2<sup>nd</sup> Workshop on Benchmarking Linked Data (BLINK-17), 2017.
- [24] Tzanina Saveta, Giorgos Flouris, Irini Fundulaki, Axel-Cyrille Ngonga Ngomo. Benchmarking Link Discovery Systems for Geo-Spatial Data. In Proceedings of the 2<sup>nd</sup> Workshop on Benchmarking Linked Data (BLINK-17), 2017.
- [25] Ioannis Chrysakis, Emmanouil Dermitzakis, Giorgos Flouris, Theodore Patkos, Dimitris Plexousakis. PRESS: A Publication REpository Semantic System. In Poster/Demo Proceedings of the 13<sup>th</sup> International Conference on Semantic Systems (SEMANTiCS-17), 2017.
- [26] Giorgos Flouris, Theodore Patkos, Iliia Adami, Antonis Bikakis, Manos Dimitrakis, George Mathioudakis, Yannis Roussakis, Dimitris Plexousakis. Methinks: Enabling Sophisticated Comment Management in the Social Web. In Poster/Demo Proceedings of the 13<sup>th</sup> International Conference on Semantic Systems (SEMANTiCS-17), 2017.
- [27] Dimitra Zografistou, Giorgos Flouris, Dimitris Plexousakis. ArgQL: A Declarative Language for Querying Argumentative Dialogues. In Proceedings of the International Joint Conference on Rules and Reasoning 2017 (RuleML+RR), as the Best Paper of the Doctoral Consortium, 2017.
- [28] Argyro Avgoustaki, Giorgos Flouris, Irini Fundulaki, Dimitris Plexousakis. Provenance Management for Evolving RDF Datasets. In Proceedings of the ACM-W Europe womENcourage 2016 Celebration of Women in Computing, 2016.
- [29] Tzanina Saveta, Eva Daskalaki, Giorgos Flouris, Irini Fundulaki, Axel-Cyrille Ngonga Ngomo. How Well does your Instance Matching System Perform? Experimental Evaluation with LANCE. In Proceedings of the 1<sup>st</sup> Workshop on Benchmarking Linked Data (BLINK-16), 2016.
- [30] Vassilis Papakonstantinou, Giorgos Flouris, Irini Fundulaki, Kostas Stefanidis, Yannis Roussakis. Versioning for Linked Data: Archiving Systems and

- Benchmarks. In Proceedings of the 1<sup>st</sup> Workshop on Benchmarking Linked Data (BLINK-16), 2016.
- [31] Theodore Patkos, Giorgos Flouris, Antonis Bikakis. Symmetric Multi-Aspect Evaluation of Comments (Extended Abstract). In Proceedings of the 22<sup>nd</sup> European Conference on Artificial Intelligence (ECAI-16), Short Paper, 2016.
- [32] Vassilis Papakonstantinou, Giorgos Flouris, Irini Fundulaki, Andrey Gubichev. Some Thoughts on OWL-Empowered SPARQL Query Optimization. In Poster Proceedings of the 13<sup>th</sup> Extended Semantic Web Conference (ESWC-16), 2016.
- [33] Argyro Avgoustaki, Giorgos Flouris, Irini Fundulaki, Dimitris Plexousakis. Provenance Management for Evolving RDF Datasets. In Proceedings of the 13<sup>th</sup> Extended Semantic Web Conference (ESWC-16), 2016. Also appeared in Proceedings of the 14<sup>th</sup> Hellenic Data Management Symposium (HDMS-16), 2016.
- [34] Theodore Patkos, Antonis Bikakis, Giorgos Flouris. A Multi-Aspect Evaluation Framework for Comments on the Social Web. In Proceedings of the 15<sup>th</sup> International Conference on Principles of Knowledge Representation and Reasoning (KR-16), Short Paper, 2016.
- [35] Georgia Troullinou, Yannis Roussakis, Haridimos Kondylakis, Kostas Stefanidis, Giorgos Flouris. Understanding Ontology Evolution Beyond Deltas. In Proceedings of the 2<sup>nd</sup> International Workshop on Preservation of Evolving Big Data (DIACHRON-16), also available as CEUR-WS, Vol. 1518, 2016.
- [36] Haridimos Kondylakis, Giorgos Flouris, Irini Fundulaki, Vassilis Papakonstantinou, Manolis Tsiknakis. Flexible Access to Patient Data through e-Consent. In Proceedings of the 5<sup>th</sup> EAI International Conference on Wireless Mobile Communication and Healthcare, “Transforming healthcare through innovations in mobile and wireless technologies” (MOBIHEALTH-15), 2015.
- [37] Yannis Roussakis, Ioannis Chrysakis, Kostas Stefanidis, Giorgos Flouris, Yannis Stavrakas. A Flexible Framework for Understanding the Dynamics of Evolving RDF Datasets. In Proceedings of the 14<sup>th</sup> International Semantic Web Conference (ISWC-15), 2015. Best Student Paper Award. Also appeared in Proceedings of the 14<sup>th</sup> Hellenic Data Management Symposium (HDMS-16), 2016.
- [38] Tzanina Saveta, Eva Daskalaki, Giorgos Flouris, Irini Fundulaki, Melanie Herschel, Axel-Cyrille Ngonga-Ngomo. LANCE: Piercing to the Heart of Instance Matching Tools. In Proceedings of the 14<sup>th</sup> International Semantic Web Conference (ISWC-15), 2015.
- [39] Yannis Roussakis, Ioannis Chrysakis, Kostas Stefanidis, Giorgos Flouris. D2V: A Tool for Defining, Detecting and Visualizing Changes on the Data Web. In Proceedings of the 14<sup>th</sup> International Semantic Web Conference, Posters and Demonstrations Track (ISWC-15), 2015.
- [40] Tzanina Saveta, Eva Daskalaki, Giorgos Flouris, Irini Fundulaki, Axel-Cyrille Ngonga-Ngomo. LANCE: A Generic Benchmark Generator for Linked Data. In Proceedings of the 14<sup>th</sup> International Semantic Web Conference, Posters and Demonstrations Track (ISWC-15), 2015.
- [41] Theodore Patkos, Giorgos Flouris, Panagiotis Papadakos, Antonis Bikakis, Pompeu Casanovas, Jorge Gonzalez-Conejero, Rebeca Varela Figueroa, Anthony Hunter, Gudjon Idir, George Ioannidis, Marta Kacprzyk-Murawska, Andrzej Nowak, Jeremy Pitt, Dimitris Plexousakis, Agnieszka Rychwalska, Alexandru Stan. Privacy-by-Norms Privacy Expectations in Online Interactions. In

- Proceedings of the 3<sup>rd</sup> International Workshop on Self-Adaptive and Self-Organising Socio-Technical Systems (SASO-ST-15), 2015.
- [42] Nikos Minadakis, Yannis Marketakis, Haridimos Kondylakis, Giorgos Flouris, Maria Theodoridou, Martin Doerr, and Gerald de Jong. X3ML Framework: An effective suite for supporting data mappings. In Proceedings of the workshop on Extending, Mapping and Focusing the CRM (EMF-CRM-15), 2015.
- [43] Theodora Galani, Yannis Stavrakas, George Papastefanatos, Giorgos Flouris. Supporting Complex Changes in RDF(S) Knowledge Bases. In Proceedings of the 1<sup>st</sup> DIACHRON Workshop: Managing the Evolution and Preservation of the Data Web (MEPDaW-15), published in CEUR vol-1377, 2015.
- [44] Michalis Chortis, Giorgos Flouris. A Diagnosis and Repair Framework for DL-Lite<sub>A</sub> KBs. In Proceedings of the 1<sup>st</sup> DIACHRON Workshop: Managing the Evolution and Preservation of the Data Web (MEPDaW-15), published in CEUR vol-1377, 2015. A slightly revised version appeared in the Post Proceedings of the ESWC-15 Workshops (selected papers), 2015.
- [45] Tzanina Saveta, Eva Daskalaki, Giorgos Flouris, Irimi Fundulaki, Melanie Herschel, Axel-Cyrille Ngonga-Ngomo. Pushing the Limits of Instance Matching Systems. A Semantics-Aware Benchmark for Linked Data. In Proceedings of the Poster Session of the 24<sup>th</sup> International World Wide Web Conference (WWW-15), 2015.
- [46] Dimitra Zografistou, Giorgos Flouris, Theodore Patkos, Dimitris Plexousakis, Martin Balaz, Martin Homola, Alexander Simko. A Dialogical Model for Collaborative Decision Making based on Compromises. In Proceedings of the 12<sup>th</sup> European Conference on Multi-Agent Systems (EUMAS-14), Short paper, 2014.
- [47] Martin Balaz, Josef Frtus, Giorgos Flouris, Martin Homola, Jan Sefranek. Conflict Resolution in Assumption-Based Frameworks. In Proceedings of the 12<sup>th</sup> European Conference on Multi-Agent Systems (EUMAS-14), Short paper, 2014.
- [48] Kostas Stefanidis, Ioannis Chryssakis, Giorgos Flouris. On Designing Archiving Policies for Evolving RDF Datasets on the Web. In Proceedings of the 33<sup>rd</sup> International Conference on Conceptual Modelling (ER-14), 2014.
- [49] Martin Balaz, Josef Frtus, Martin Homola, Jan Sefranek, Giorgos Flouris. Embedding Defeasible Logic Programs into Generalized Logic Programs. In Proceedings of the 28<sup>th</sup> Workshop on (Constraint) Logic Programming (WLP-14), 2014.
- [50] Filippos Gouidis, Giorgos Flouris, Dimitris Plexousakis. A Demo for Smart City Operation Center. In Proceedings of the 8<sup>th</sup> International Rule Challenge, part of the 8<sup>th</sup> International Web Rule Symposium (RuleML-14), demo paper, 2014.
- [51] Vassilis Papakonstantinou, Giorgos Flouris, Irimi Fundulaki and Haridimos Kondylakis. Securing Access to Sensitive RDF Data. In Proceedings of the 11<sup>th</sup> Extended Semantic Web Conference (Poster and Demo Track), 2014.
- [52] Filippos Gouidis, Theodore Patkos, Giorgos Flouris, Dimitris Plexousakis. Declarative Reasoning Approaches for Agent Coordination. In Proceedings of the 8<sup>th</sup> Hellenic Conference on Artificial Intelligence, 2014.
- [53] Soren Auer, Theodore Dalamagas, Helen Parkinson, Francois Bancilhon, Giorgos Flouris, Dimitris Sacharidis, Peter Buneman, Dimitris Kotzinos, Yannis Stavrakas, Vassilis Christophides, George Papastefanatos, Kostas Thiveos. Diachronic Linked Data: Towards Long-term Preservation of Structured Interrelated Information. In post-proceedings of the 1<sup>st</sup> International Workshop on Open Data (WOD-12), 2012.

- [54] Giorgos Flouris, Yannis Roussakis, Maria Poveda-Villalon, Pablo N. Mendes, Irini Fundulaki. Using Provenance for Quality Assessment and Repair in Linked Open Data. In Proceedings of the 2<sup>nd</sup> Joint Workshop on Knowledge Evolution and Ontology Dynamics (EvoDyn-12), 2012.
- [55] Ilias Tachmazidis, Grigoris Antoniou, Giorgos Flouris, Spyros Kotoulas. Scalable Nonmonotonic Reasoning over RDF Data Using MapReduce. In Proceedings of the Joint Workshop on Scalable and High-Performance Semantic Web Systems (SSWS+HPCSW-12), 2012.
- [56] Ilias Tachmazidis, Grigoris Antoniou, Giorgos Flouris, Spyros Kotoulas, Lee McCluskey. Large-scale Parallel Stratified Defeasible Reasoning. In Proceedings of the 20<sup>th</sup> European Conference on Artificial Intelligence (ECAI-12), 2012.
- [57] Vassilis Papakonstantinou, Maria Michou, Irini Fundulaki, Giorgos Flouris, Grigoris Antoniou. Access Control for RDF Graphs Using Abstract Models. In Proceedings of the 17<sup>th</sup> ACM Symposium on Access Control Models and Technologies (SACMAT-12), 2012.
- [58] Ilias Tachmazidis, Grigoris Antoniou, Giorgos Flouris, Spyros Kotoulas. Towards Parallel Nonmonotonic Reasoning with Billions of Facts. In Proceedings of the 13<sup>th</sup> International Conference on Principles of Knowledge Representation and Reasoning (KR-12), Short Paper and Poster, 2012.
- [59] Christos Strubulis, Yannis Tzitzikas, Martin Doerr, Giorgos Flouris. Evolution of Workflow Provenance Information in the Presence of Custom Inference Rules. In Proceedings of the 3<sup>rd</sup> International Workshop on the Role of Semantic Web in Provenance Management (SWPM-12), 2012.
- [60] Max Ostrowski, Giorgos Flouris, Torsten Schaub, Grigoris Antoniou. Evolution of Ontologies using ASP. In Proceedings of the 27<sup>th</sup> International Conference on Logic Programming (ICLP-11), Technical Communications, 2011.
- [61] Yannis Roussakis, Giorgos Flouris, Vassilis Christophides. Declarative Repairing Policies for Curated KBs. In Proceedings of the 10<sup>th</sup> Hellenic Data Management Symposium (HDMS-11), 2011.
- [62] Giorgos Flouris, Irini Fundulaki, Maria Michou, Grigoris Antoniou. Controlling Access to RDF Graphs. In Proceedings of the 3<sup>rd</sup> Future Internet Symposium (FIS-10), 2010.
- [63] Giorgos Flouris, Irini Fundulaki, Maria Michou, Grigoris Antoniou. Access Control for RDF: Experimental Results. In the Poster Session of the 3<sup>rd</sup> Future Internet Symposium (FIS-10), 2010.
- [64] Haridimos Kondylakis, Giorgos Flouris, Dimitris Plexousakis. Ontology and Schema Evolution in Data Integration: Review and Assessment. In Proceedings of the 8<sup>th</sup> International Conference on Ontologies, DataBases, and Applications of Semantics (ODBASE-09), 2009.
- [65] Marcio M. Ribeiro, Renata Wassermann, Grigoris Antoniou, Giorgos Flouris, Jeff Pan. Belief Contraction in Web-Ontology Languages. In Proceedings of the 3<sup>rd</sup> International Workshop on Ontology Dynamics (IWOD-09), Short Paper, 2009.
- [66] Giorgos Flouris, Irini Fundulaki, Panagiotis Padiaditis, Yannis Theoharis, Vassilis Christophides. Colouring RDF Triples to Capture Provenance. In Proceedings of the 8<sup>th</sup> International Semantic Web Conference (ISWC-09), 2009.
- [67] Vicky Papavassiliou, Giorgos Flouris, Irini Fundulaki, Dimitris Kotzinos, Vassilis Christophides. On Detecting High-Level Changes in RDF/S KBs. In Proceedings of the 8<sup>th</sup> International Semantic Web Conference (ISWC-09), 2009. Best Student Paper Award.



- [68] Giorgos Flouris, Irimi Fundulaki, Panagiotis Padiaditis, Yannis Theoharis, Vassilis Christophides. Capturing Provenance of RDF Triples through Colours. In Proceedings of the 8<sup>th</sup> Hellenic Data Management Symposium (HDMS-09), 2009.
- [69] Panagiotis Padiaditis, Giorgos Flouris, Irimi Fundulaki, Vassilis Christophides. On Explicit Provenance Management in RDF/S Graphs. In Proceedings of the 1<sup>st</sup> Workshop on the Theory and Practice of Provenance (TAPP-09), Short Paper, 2009.
- [70] George Konstantinidis, Giorgos Flouris, Grigoris Antoniou, Vassilis Christophides. A Formal Approach for RDF/S Ontology Evolution. In Proceedings of the 18<sup>th</sup> European Conference on Artificial Intelligence (ECAI-08), pages 405-409, 2008.
- [71] George Konstantinidis, Giorgos Flouris, Grigoris Antoniou, Vassilis Christophides. On RDF/S Ontology Evolution. In the post-proceedings of the Joint SWDB-ODDIS Workshop on Semantic Web, Ontologies, Databases, pages 21-42, 2008.
- [72] George Konstantinidis, Giorgos Flouris, Grigoris Antoniou, Vassilis Christophides. Ontology Evolution: A Framework and its Application to RDF. In Proceedings of the Joint SWDB-ODDIS Workshop on Semantic Web, Ontologies, Databases (SWDB-ODDIS-07), 2007.
- [73] Giorgos Flouris, Carlo Meghini. Terminology and Wish List for a Formal Theory of Preservation. In Proceedings of PV-2007: Ensuring the Long-Term Preservation and Value Adding to Scientific and Technical Data (PV-07), 2007.
- [74] Yannis Tzitzikas, Giorgos Flouris. Mind the (Intelligibility) Gap. In Proceedings of the 11<sup>th</sup> European Conference on Research and Advanced Technology for Digital Libraries (ECDL-07), pages 87-99, 2007.
- [75] Giorgos Flouris, Carlo Meghini. Some Preliminary Ideas Towards a Theory of Digital Preservation. In Proceedings of the 1<sup>st</sup> International Workshop on Digital Libraries Foundations (DLF-07), 2007.
- [76] Giorgos Flouris. On the Evolution of Ontological Signatures. In Proceedings of the Workshop on Ontology Evolution (OnE-07), 2007.
- [77] Giorgos Flouris, Zhisheng Huang, Jeff Z. Pan, Dimitris Plexousakis, Holger Wache. Inconsistencies, Negations and Changes in Ontologies (Extended Abstract). In Proceedings of the 19<sup>th</sup> Belgian-Dutch Conference on Artificial Intelligence (BNAIC-07), 2007.
- [78] Giorgos Flouris, Dimitris Plexousakis, Grigoris Antoniou. A Classification of Ontology Change. In the Poster Session of the 3<sup>rd</sup> Italian Semantic Web Workshop, Semantic Web Applications and Perspectives (SWAP-06), 2006.
- [79] Yannis Tzitzikas, Vassilis Christophides, Giorgos Flouris, Dimitris Kotzinos, Hannu Markkanen, Dimitris Plexousakis, Nicolas Spyrtos. Emergent Knowledge Artefacts for Supporting Triological E-Learning. In Proceedings of the 1<sup>st</sup> International Workshop on Building Technology Enhanced Learning solutions for Communities of Practice (TELCoPs-06), 2006.
- [80] Yannis Tzitzikas, Vassilis Christophides, Giorgos Flouris, Dimitris Kotzinos, Hannu Markkanen, Dimitris Plexousakis, Nicolas Spyrtos. Triological E-Learning and Emergent Knowledge Artefacts. In the Poster Session of the 1<sup>st</sup> European Conference on Technology Enhanced Learning (ECTEL-06), 2006.
- [81] Giorgos Flouris, Dimitris Plexousakis, Grigoris Antoniou. On Generalizing the AGM Postulates. In Proceedings of the 3<sup>rd</sup> European Starting AI Researcher Symposium (STAIRS-06), pages 132-143, 2006. Best Paper Award.

- [82] Giorgos Flouris, Zhisheng Huang, Jeff Z. Pan, Dimitris Plexousakis, Holger Wache. Inconsistencies, Negations and Changes in Ontologies. In Proceedings of the 21<sup>st</sup> National Conference on Artificial Intelligence (AAAI-06), pages 1295-1300, 2006.
- [83] Giorgos Flouris, Dimitris Plexousakis. Bridging Ontology Evolution and Belief Change. Short Paper. In Proceedings of the 4<sup>th</sup> Hellenic Conference on Artificial Intelligence (SETN-06), pages 486-489, 2006.
- [84] Giorgos Flouris, Dimitris Plexousakis, Grigoris Antoniou. On Applying the AGM Theory to DLs and OWL. In Proceedings of the 4<sup>th</sup> International Semantic Web Conference (ISWC-05), pages 216-231, 2005.
- [85] Giorgos Flouris, Dimitris Plexousakis, Grigoris Antoniou. Ontology Evolution Using Belief Change and the AGM Theory. In the Poster Session of the 4<sup>th</sup> International Semantic Web Conference (ISWC-05), A0-sized poster, 2005.
- [86] Giorgos Flouris. Applying Belief Change to Ontology Evolution. In Proceedings of the 1<sup>st</sup> International Semantic Web Doctoral Symposium (ISWDS-05), Research Thesis Summary, pages 9-12, 2005.
- [87] Giorgos Flouris, Dimitris Plexousakis, Grigoris Antoniou. Updating Description Logics Using the AGM Theory. In Proceedings of the 7<sup>th</sup> International Symposium on Logical Formalizations of Commonsense Reasoning (Commonsense-05), pages 69-76, 2005.
- [88] Giorgos Flouris, Dimitris Plexousakis, Grigoris Antoniou. Updating DLs Using the AGM Theory: A Preliminary Study. In Proceedings of the Poster Session of the 2005 Description Logic Workshop (DL-05), 2005.
- [89] Giorgos Flouris, Dimitris Plexousakis, Grigoris Antoniou. Generalizing the AGM Postulates: Preliminary Results and Applications. In Proceedings of the 10<sup>th</sup> International Workshop on Non-Monotonic Reasoning (NMR-04), pages 171-179, 2004.
- [90] Giorgos Flouris. Belief Change in Arbitrary Logics. In Proceedings of the 3<sup>rd</sup> Hellenic Data Management Symposium (HDMS-04), PhD Presentations Session, pages 217-219, 2004.
- [91] Giorgos Flouris, Dimitris Plexousakis, Grigoris Antoniou. On a Unifying Framework for Comparing Knowledge Representation Schemes. In Proceedings of the 10<sup>th</sup> International Workshop on Knowledge Representation meets Databases (KRDB-03), 2003.
- [92] Giorgos Flouris, Dimitris Plexousakis. On the Use of Matrices for Belief Revision. In post-proceedings of the 8<sup>th</sup> Panhellenic Conference in Informatics (selected papers), pages 100-117, 2003.
- [93] Giorgos Flouris, Dimitris Plexousakis. Belief Revision in Propositional Knowledge Bases. In Proceedings of the 8<sup>th</sup> Panhellenic Conference on Informatics (PCI-01), pages 412-421, 2001.

### **Κεφάλαια σε Βιβλία**

- [1] Antonis Bikakis, Andrea Cohen, Wolfgang Dvorak, Giorgos Flouris, Simon Parsons. Joint Attacks and Accrual in Argumentation Frameworks. In Dov Gabbay, Massimiliano Giacomin, Guillermo Simari, Matthias Thimm (editors), Handbook of Formal Argumentation, volume 2: Current Trends in Formal Argumentation. Chapter 3, College Publications, 2021. Also in Journal of Applied Logics - IfCoLog Journal, 8(6): 1437-1502, July 2021.
- [2] Irimi Fundulaki, Giorgos Flouris, Vassilis Papakonstantinou. On the Use of Abstract Models for RDF/S Provenance. In Andreas Harth, Katja Hose, Ralf

Schenkel (editors), *Linked Data Management: Principles and Techniques*. Chapter 8.2, CRC Press, 2014.

- [3] Christoph Richter, Heidrun Allert, Vassiliy P. Tchoumatchenko, Ivan H. Furnadziev, Tania K. Vasileva, Dimitris Kotzinos, Giorgos Flouris, Vassilis Christophides, Juha Loytolainen. A Pragmatic Approach to Collaborative Semantic Modelling: The Visual Modelling (Language) Editor. In Anne Moen, Anders I. Morch, Sami Paavola (editors), *Collaborative Knowledge Creation: Practices, Tools, Concepts*. Sense Publishers. Chapter 5, pages 75-92, 2012.
- [4] Dimitris Kotzinos, Giorgos Flouris, Yannis Tzitzikas, Dimitris Andreou, Vassilis Christophides. Supporting Evolution of Knowledge Artefacts in Web Based Learning Environments. In Nikos Karacapilidis (editor), *Solutions and Innovations in Web-Based Technologies for Augmented Learning: Improved Platforms, Tools, and Applications*. Chapter IX, pages 142-167, 2009.

#### **Εκδοθέντα Βιβλία, Τεύχη Περιοδικών και Πρακτικά**

- [1] Giorgos Flouris, Dominique Laurent, Dimitris Plexousakis, Nicolas Spyrtos, Yuzuru Tanaka (editors). *Information Search, Integration, and Personalization*. Post-proceedings of the 13th International Workshop on Information Search, Integration, and Personalization (ISIP-2019), revised selected papers, *Communications in Computer and Information Science (CCIS) 1197*, Springer, 2020.
- [2] Giorgos Flouris, Guilin Qi (editors). *Proceedings of the 4<sup>th</sup> International Workshop on Ontology Dynamics (IWOD-10)*. 2010.
- [3] Giorgos Flouris, Mathieu d' Aquin, Grigoris Antoniou, Jeff Pan, Dimitris Plexousakis (editors). *Recent Advances in Ontology Dynamics*. *Journal of Logic and Computation (JLC)*, Special Issue, 19(5), 2009.
- [4] Dimitris Plexousakis, Jeff Pan, Giorgos Flouris, Mathieu d' Aquin, Grigoris Antoniou (editors). *Proceedings of the 2<sup>nd</sup> International Workshop on Ontology Dynamics (IWOD-08)*. 2008.
- [5] Giorgos Flouris, Mathieu d' Aquin (editors). *Proceedings of the International Workshop on Ontology Dynamics (IWOD-07)*. 2007.

#### **Προσκεκλημένες Ομιλίες και Δημοσιεύσεις (Χωρίς Κρίση)**

- [1] B. Canuel, S. Abend, P. Amaro-Seoane, F. Badaracco, Q. Beaufils, A. Bertoldi, K. Bongs, P. Bouyer, C. Braxmaier, W. Chaibi, N. Christensen, F. Fitzek, G. Flouris, N. Gaaloul, S. Gaffet, C. L. Garrido Alzar, R. Geiger, S. Guellati-Khelifa, K. Hammerer, J. Harms, J. Hinderer, J. Junca, S. Katsanevas, C. Klempt, C. Kozanitis, M. Krutzik, A. Landragin, I. Làzaro Roche, B. Leykauf, Y.-H. Lien, S. Loriani, S. Merlet, M. Merzougui, M. Nofrarias, P. Papadacos, F. Pereira, A. Peters, D. Plexousakis, M. Prevedelli, E. Rasel, Y. Rogister, S. Rosat, A. Roura, D. O. Sabulsky, V. Schkolnik, D. Schlippert, C. Schubert, L. Sidorenkov, J.-N. Siemß, C. F. Sopena, F. Sorrentino, C. Struckmann, G. M. Tino, G. Tsagakatakis, A. Viceré, W. von Klitzing, L. Woerner and X. Zou. ELGAR -- a European Laboratory for Gravitation and Atom-interferometric Research. In arXiv:1911.03701, November 2019.
- [2] Argyro Avgoustaki, Giorgos Flouris, Irimi Fundulaki, Dimitris Plexousakis. *Querying Data Provenance in the Internet of Things*. Invited poster for FORTH's Research Summit, 2019.
- [3] Giorgos Flouris. *Reasoning Technologies for Theoretical and Applied AI*. Invited presentation for FORTH's Research Summit, 2019.

- [4] Ioannis Chrysakis, Giorgos Flouris, Theodore Patkos. The CAPrice Initiative and the CAP-A project: A socio-technical approach to digital privacy. Invited poster for the Researchers Night, 2019.
- [5] Elisjana Ymeralli, Giorgos Flouris, Theodore Patkos, Yannis Roussakis, Dimitris Plexousakis. APOPSIS: A Web-based Platform for the Analysis of Structured Dialogues. Invited poster for the Researchers Night, 2018.
- [6] Giorgos Flouris. A Collective Awareness Platform for Privacy Concerns and Expectations: CAPrice in the Making. Invited Talk for the Artificial Cosmoi and the Law Conference, 2<sup>nd</sup> edition, 2018
- [7] Antonis Bikakis, Giorgos Flouris, Theodore Patkos, Dimitris Plexousakis: Sketching the Vision of Debate Web. Invited paper for the birthday volume for the 50<sup>th</sup> birthday of Leon van der Torre, “Leon50 - Arguing about Logic, Debates in Individual and Collective Reasoning”, 2018.
- [8] Ioannis Chrysakis, Korina Doerr, Giorgos Flouris, Yannis Marketakis, Nikos Minadakis, Panagiotis Papadakos, Theodore Patkos, Chrysostomos Zeginis. CAPrice: A Collective Awareness Platform for Privacy Concerns and Expectations. Invited poster for TEDx University of Crete Event, 2018.
- [9] Giorgos Flouris. Towards Ensuring Privacy in the Digital World: an Approach based on Collective Awareness. Invited talk, UCL seminar, 2017.
- [10] Vassilis Papakonstantinou, Tzanina Saveta, Giorgos Flouris, Irimi Fundulaki, Axel-Cyrille Ngonga-Ngomo. HOBBIT: Holistic Benchmarking of Big Linked Data. Invited poster for the Researchers Night, 2017.
- [11] Argyro Avgoustaki, Giorgos Flouris, Irimi Fundulaki, Dimitris Plexousakis. Discovering the History of Data. Invited poster for the Researchers Night, 2017. Also appeared as an invited poster for FORTH’s Research Summit, 2017.
- [12] Panagiotis Papadakos, Irimi Fundulaki, Giorgos Flouris, Evaggelia Pitoura, Panayiotis Tsaparas. BiasMeter: On Measuring Bias in Online Information. Invited poster for the Researchers Night, 2017. Also appeared as an invited poster for FORTH’s Research Summit, 2017.
- [13] Theodore Patkos, Giorgos Flouris, Panagiotis Papadakos, Ioannis Chrysakis. CAPrice: A Collective Awareness Platform for Privacy Concerns and Expectations. Invited poster for the Researchers Night, 2017. A slightly revised version appeared as an invited poster for FORTH’s Research Summit, 2017.
- [14] Elisjana Ymeralli, Giorgos Flouris, Theodore Patkos, Yannis Roussakis, Dimitris Plexousakis. APOPSIS: A Web-based Platform for the Analysis of Structured Dialogues. Invited poster for the Researchers Night, 2017. Also appeared as an invited poster for FORTH’s Research Summit, 2017.
- [15] Prodromos Lilitsis, Theodore Patkos, Giorgos Flouris, Dimitris Plexousakis. Travel Companion: A Mobile System for Trip Assistance Relying on Artificial Intelligence and Augmented Reality. Invited poster for FORTH’s Research Summit, 2017.
- [16] Giorgos Flouris. Challenges in a Highly Interconnected Digital World: the Cases of Privacy and Digital Bias. Invited Talk for the Artificial Cosmoi and the Law Conference, 2017.
- [17] Giorgos Flouris. CAPrice: A Crowd-sourcing Approach to Digital Privacy. Panelist for the Educational Panel of Cybersecurity: Risks and Responses Conference, 2017.
- [18] Manel Achichi, Michelle Cheatham, Zlatan Dragisic, Jerome Euzenat, Daniel Faria, Alfio Ferrara, Giorgos Flouris, Irimi Fundulaki, Ian Harrow, Valentina Ivanova, Ernesto Jimenez-Ruiz, Elena Kuss, Patrick Lambrix, Henrik Leopold,

- Huanyu Li, Christian Meilicke, Stefano Montanelli, Catia Pesquita, Tzanina Saveta, Pavel Shvaiko, Andrea Splendiani, Heiner Stuckenschmidt, Konstantin Todorov, Cassia Trojahn, Ondrej Zamazal. Results of the Ontology Alignment Evaluation Initiative 2016. In Proceedings of the 11<sup>th</sup> Workshop on Ontology Matching (OM-16), also appearing in CEUR Workshop Proceedings 1766, 2016.
- [19] Tzanina Saveta, Eva Daskalaki, Giorgos Flouris, Irini Fundulaki, Axel-Cyrille Ngonga Ngomo. LANCE: A Generic Benchmark Generator for Linked Data. In Proceedings of the European Data Forum (EDF-16), 2016.
- [20] Giorgos Flouris, Antonis Bikakis, Theodore Patkos, Dimitris Plexousakis. Argument Extraction Challenges in a New Web Paradigm. Invited paper for the Dagstuhl Seminar 16161: Natural Language Argumentation: Mining, Processing, and Reasoning over Textual Arguments, 2016.
- [21] Giorgos Flouris. Preservation Through Evolution Management: The DIACHRON Approach. Invited talk for the Final Dissemination Workshop of DIACHRON project, 2016.
- [22] Michelle Cheatham, Zlatan Dragisic, Jerome Euzenat, Daniel Faria, Alfio Ferrara, Giorgos Flouris, Irini Fundulaki, Roger Granada, Valentina Ivanova, Ernesto Jimenez-Ruiz, Patrick Lambrix, Stefano Montanelli, Catia Pesquita, Tzanina Saveta, Pavel Shvaiko, Alessandro Solimando, Cassia Trojahn, Ondrej Zamazal. Results of the Ontology Alignment Evaluation Initiative 2015. In Proceedings of the 10<sup>th</sup> Workshop on Ontology Matching (OM-15), also appearing in CEUR Workshop Proceedings 1545, 2016.
- [23] Tzanina Saveta, Eva Daskalaki, Giorgos Flouris, Irini Fundulaki, Melanie Herschel, Axel-Cyrille Ngonga Ngomo. SPIMBENCH: A Scalable, Schema-Aware Instance Matching Benchmark for the Semantic Publishing Domain. Invited poster for the 3<sup>rd</sup> Workshop on Graph-based Technologies and Applications (Graph-TA-15), 2015.
- [24] Giorgos Flouris. Machine-Interpretable Online Debates for a New Web Paradigm. Invited Talk, TUWIEN-Comenius University workshop, November 2014.
- [25] Giorgos Flouris. Evolution Management for Preservation. Invited talk for the PRELIDA Consolidation and Dissemination workshop, 2014.
- [26] Tzanina Saveta, Eva Daskalaki, Giorgos Flouris, Irini Fundulaki, Melanie Herschel, Axel-Cyrille Ngonga-Ngomo, Dimitris Plexousakis. A Scalable Schema Aware Instance Matching Benchmark for Semantic Publishing. Invited poster for the 10<sup>th</sup> Reasoning Web Summer School, 2014.
- [27] Dimitra Zografistou, Giorgos Flouris, Theodore Patkos, Dimitris Plexousakis. Group Decision Making Using Preferential Reasoning. Invited poster for the 10<sup>th</sup> Reasoning Web Summer School, 2014.
- [28] Argyro Avgoustaki, Giorgos Flouris, Irini Fundulaki. Provenance Management for SPARQL Updates. Invited poster for the 10<sup>th</sup> Reasoning Web Summer School, 2014.
- [29] Giorgos Flouris. Linked Open Data. Invited talk for the Workshop on the Provision and Use of Open Data, part of the Hack4MED of the HOMER project, 2014.
- [30] Giorgos Flouris, Vassilis Papakonstantinou, Irini Fundulaki. A Flexible and Powerful Access Control Model for Linked Open Data. Invited poster for the Research Summit of FORTH, 2013.

- [31] Giorgos Flouris. Data and Knowledge Evolution. Tutorial in Open Data Tutorials, jointly organized with the 2<sup>nd</sup> International Workshop on Open Data (WOD-13), 2013.
- [32] Giorgos Flouris, Irini Fundulaki, Vassilis Papakonstantinou. Abstract Access Control Model for Dynamic RDF Datasets. In Proceedings of the European Data Forum (EDF-12), 2012.
- [33] Giorgos Flouris. High-Level Change Detection in the Semantic Web. Invited talk for the 10<sup>th</sup> anniversary of the W3C Greece Office, 2009.
- [34] Giorgos Flouris, George Konstantinidis. Formalizing the Evolution Process. In BOEMIE 2008 Workshop on Ontology Evolution and Multimedia Information Extraction (BOEMIE-08), Invited Talk, 2008.
- [35] Giorgos Flouris, Carlo Meghini. Steps Towards a Theory of Information Preservation. In International Workshop on Database Preservation (PresDB-07), Invited Talk, 2007.
- [36] Giorgos Flouris, Dimitris Plexousakis, Grigoris Antoniou. Evolving Ontology Evolution. In Proceedings of the 32<sup>nd</sup> International Conference on Current Trends in Theory and Practice of Computer Science (SOFSEM-06), Invited Talk, pages 14-29, 2006.

### **Τεχνικές Αναφορές**

- [1] Ioannis Chrysakis, Giorgos Flouris, Theodore Patkos, George Ioannidis. CAP-A – Raising Awareness Depends on Us! In ERCIM News Magazine 126, 2021.
- [2] Dimitra Zografistou, Giorgos Flouris, Theodore Patkos, Dimitris Plexousakis. A Language for Graphs of Interlinked Arguments. In ERCIM News Magazine 118, 2019.
- [3] Giorgos Flouris, Argyro Avgoustaki, Irini Fundulaki, Dimitris Plexousakis. ProvQL: Understanding the Provenance of your Data. In ERCIM News Magazine 117, 2019.
- [4] Filippos Gouidis, Theodoros Patkos, Giorgos Flouris, Dimitris Plexousakis. The DRA\* Algorithm. Technical Report FORTH-ICS/TR-468, July 2017.
- [5] Kostas Stefanidis, Giorgos Flouris, Ioannis Chrysakis, Yannis Roussakis. D2V – Understanding the Dynamics of Evolving Data: A Case Study in the Life Sciences. In ERCIM News Magazine 105, 2016.
- [6] Theodore Patkos, Antonis Bikakis, Giorgos Flouris. Rating Comments on the Social Web using a Multi-Aspect Evaluation Framework. Technical Report FORTH-ICS/TR-463, January 2016.
- [7] Yannis Roussakis, Ioannis Chrysakis, Kostas Stefanidis, Giorgos Flouris, Yannis Stavrakas. A Flexible Framework for Understanding the Dynamics of Evolving RDF Datasets: Extended Version. Technical Report FORTH-ICS/TR-456, July 2015.
- [8] Yannis Roussakis, Ioannis Chrysakis, Kostas Stefanidis, Giorgos Flouris, Yannis Stavrakas. A Flexible Framework for Defining, Representing and Detecting Changes on the Data Web. In arXiv:1501.02652, 2015.
- [9] Martin Balaz, Josef Frtus, Martin Homola, Jan Sefranek, Giorgos Flouris. Embedding Defeasible Logic Programs into Generalized Logic Programs (Extended Version). Technical Reports in Informatics TR-2014-043. Comenius University of Bratislava. 2014.
- [10] Martin Homola, Theodore Patkos, Giorgos Flouris, Josef Frtus, Alexander Simko, Jan Sefranek, Dimitra Zografistou, Martin Balaz. Resolving Conflicts in Knowledge for Ambient Intelligence. Technical Reports in Informatics TR-2014-041. Comenius University of Bratislava. 2014.

- [11] Filippos Gouidis, Theodore Patkos, Giorgos Flouris. Smart City Operation Center: A Platform to Optimize Urban Service Rendering. In ERCIM News Magazine 98, Special Theme: Smart Cities, 2014.
- [12] Giorgos Flouris, Antonis Bikakis, Theodore Patkos, Dimitris Plexousakis. Globally Interconnecting Persuasive Arguments: The Vision of the Persuasive Web. Technical Report FORTH-ICS/TR-438, November 2013.
- [13] Max Ostrowski, Giorgos Flouris, Torsten Schaub, Grigoris Antoniou. Evolution of Ontologies using ASP. Technical Report FORTH-ICS/TR-415, May 2011.
- [14] Giorgos Flouris, Irini Fundulaki, Maria Michou, Grigoris Antoniou. Controlling Access to RDF Graphs. Technical Report FORTH-ICS/TR-405, May 2010.
- [15] Vicky Papavassiliou, Giorgos Flouris, Irini Fundulaki, Dimitris Kotzinos, Vassilis Christophides. Formalizing High-Level Change Detection for RDF/S KBs. Technical Report FORTH-ICS/TR-398, August 2009.
- [16] Fabio Nanni, Giorgos Flouris. Issues Related to a Soft Transition of Existing Archives to a Preservation Environment. Technical Report FORTH-ICS/TR-395, October 2008.
- [17] Giorgos Flouris, Dimitris Plexousakis. Handling Ontology Change: Survey and Proposal for a Future Research Direction. Technical Report FORTH-ICS/TR-362, September 2005.
- [18] Giorgos Flouris, Dimitris Plexousakis, Grigoris Antoniou. AGM Postulates in Arbitrary Logics: Initial Results and Applications. Technical Report FORTH-ICS/TR-336, April 2004.
- [19] Giorgos Flouris, Dimitris Plexousakis, Grigoris Antoniou. Describing Knowledge Representation Schemes: a Formal Account. Technical Report FORTH-ICS/TR-320, April 2003.
- [20] Giorgos Flouris, Dimitris Plexousakis. Belief Revision Using Table Transformation. Technical Report FORTH-ICS/TR-290, July 2001.

### Διατριβές

- [1] Giorgos Flouris. On Belief Change and Ontology Evolution. Doctoral Dissertation, Department of Computer Science, University of Crete, February 2006.
- [2] Giorgos Flouris. Belief Revision in Knowledge Bases. Master of Science Thesis, Department of Computer Science, University of Crete; also available as Technical Report FORTH-ICS/TR-292, October 2001 (in Greek).

## ΟΡΓΑΝΩΤΙΚΕΣ ΔΡΑΣΤΗΡΙΟΤΗΤΕΣ

### Κριτής Έργων

- H2020 (2018, 2019)
- FP7 (2012-2016)

### Κριτής Προτάσεων

- Dutch Research Council (NWO), Veni Grant in the NWO Talent Scheme, 2021
- 1η Προκήρυξη ΕΛΙΔΕΚ για την Ενίσχυση Μεταδιδασκτόρων Ερευνητών/Τριών, 2017
- Scholarship applications' reviewer for the 2017 Lectures in Computer Science by the Onassis Foundation
- H2020, 2017, 2020



- 1η Προκήρυξη ΕΛΙΔΕΚ για Υποτροφίες Υποψήφιων Διδασκτόρων, 2017
- Israel Science Foundation (ISF), 2014

#### **Επικεφαλής Διοργανωτής**

- 4<sup>th</sup> International Workshop on Ontology Dynamics (IWOD-10)
- 1<sup>st</sup> International Workshop on Ontology Dynamics (IWOD-07)

#### **Μέλος της Οργανωτικής Επιτροπής**

- 3<sup>rd</sup> International Workshop on Ontology Dynamics (IWOD-09)
- 2<sup>nd</sup> International Workshop on Ontology Dynamics (IWOD-08)

#### **Επικεφαλής Επιτροπής Προγράμματος**

- 13<sup>th</sup> International Workshop on Information Search, Integration, and Personalization (ISIP-19)

#### **Προσκεκλημένος Εκδότης**

- Journal of Logic and Computation (JLC), Special Issue on Recent Advances in Ontology Dynamics, 19(5), October 2009

#### **Μέλος της Επιβλέπουσας Επιτροπής**

- Joint Workshop on Knowledge Evolution and Ontology Dynamics (EvoDyn) series
- International Workshop on Ontology Dynamics (IWOD) series

#### **Μέλος της Επιτροπής Προγράμματος, Κριτής για Περιοδικά**

- Mathematical Modelling and Control
- 18<sup>th</sup> International Conference on Modeling Decisions for Artificial Intelligence (MDAI-21)
- 2<sup>nd</sup> International Workshop on Knowledge Graph Construction (KGCW-21)
- Information and Computation
- Handbook of Formal Argumentation Vol. 2
- Bulletin of the Hellenic Mathematical Society
- 17<sup>th</sup> International Conference on Modeling Decisions for Artificial Intelligence (MDAI-20)
- 17<sup>th</sup> International Conference on Principles of Knowledge Representation and Reasoning (KR-20)
- 34<sup>th</sup> AAAI Conference on Artificial Intelligence (AAAI-20)
- 28<sup>th</sup> International Joint Conference on Artificial Intelligence (IJCAI-19)
- 5<sup>th</sup> Workshop on Managing the Evolution and Preservation of the DataWeb (MEPDaW-19)
- Artificial Intelligence journal (AI)
- International Journal of Approximate Reasoning (IJAR)
- International Journal of Metadata, Semantics and Ontologies (IJMSO)
- 33<sup>rd</sup> AAAI Conference on Artificial Intelligence (AAAI-19)
- 16<sup>th</sup> International Conference on Principles of Knowledge Representation and Reasoning (KR-18)
- 4<sup>th</sup> Workshop on Managing the Evolution and Preservation of the DataWeb (MEPDaW-18)
- 27<sup>th</sup> International Joint Conference on Artificial Intelligence and the 23<sup>rd</sup> European Conference on Artificial Intelligence (IJCAI-ECAI-2018)
- Informatics

- 9<sup>th</sup> International Workshop on Data Engineering meets the Semantic Web (DESWeb-18)
- Journal of Intelligent Information Systems (JIIS)
- 10<sup>th</sup> Hellenic Conference on Artificial Intelligence (SETN-18)
- 15<sup>th</sup> Extended Semantic Web Conference (ESWC-18)
- Book proposal reviewer for Springer
- International Journal on Artificial Intelligence Tools (IJAIT), Special Issue on SETN-16
- Journal of Web Semantics (JWS), Special Issue on Managing the Evolution and Preservation of the Data Web (reviewer and shepherd)
- International Journal of Information Technology and Decision Making (IJITDM)
- Semantic Web Journal (SWJ), Special Issue on Benchmarking Linked Data
- 11<sup>th</sup> International Rule Challenge, part of the International Joint Conference on Rules and Reasoning 2017 (RuleML+RR 2017)
- Doctoral Symposium of the International Joint Conference on Rules and Reasoning 2017 (RuleML+RR 2017)
- 14<sup>th</sup> Extended Semantic Web Conference (ESWC-17)
- 3<sup>rd</sup> Workshop on Managing the Evolution and Preservation of the DataWeb (MEPDaW-17)
- 8<sup>th</sup> International Workshop on Data Engineering meets the Semantic Web (DESWeb-17)
- 1<sup>st</sup> Workshop on Benchmarking Linked Data (BLINK-16)
- 10<sup>th</sup> International Web Rule Symposium (RuleML-16)
- 12<sup>th</sup> International Conference on ICT in Education, Research, and Industrial Applications (ICTERI-16)
- 2<sup>nd</sup> Workshop on Managing the Evolution and Preservation of the DataWeb (MEPDaW-16)
- 7<sup>th</sup> International Workshop on Data Engineering meets the Semantic Web (DESWeb-16)
- 9<sup>th</sup> Hellenic Conference on Artificial Intelligence (SETN-16)
- 2<sup>nd</sup> International Workshop on Preservation of Evolving Big Data (DIACHRON 2016)
- Journal of Artificial Intelligence Research (JAIR)
- 9<sup>th</sup> Multi-Disciplinary International Workshop on Artificial Intelligence (MIWAI-15)
- The Joint Ontology Workshops - Episode 1: The Argentine Winter of Ontology (JOWO-15)
- 24<sup>th</sup> International Joint Conference on Artificial Intelligence (IJCAI-15)
- 9<sup>th</sup> International Web Rule Symposium (RuleML-15)
- 1<sup>st</sup> DIACHRON Workshop (Managing the Evolution and Preservation of the Data Web (MEPDaW-15)
- 12<sup>th</sup> International Symposium on Logical Formalizations of Commonsense Reasoning (Commonsense-15)
- Journal of Web Semantics (JWS), Special Issue on Ontology-Based Data Access
- 8<sup>th</sup> International Web Rule Symposium (RuleML-14)
- Annals of Mathematics and Artificial Intelligence journal (AMAI)
- Semantic Web Journal (SWJ)

- 7<sup>th</sup> Multi-Disciplinary International Workshop on Artificial Intelligence (MIWAI-13)
- 27<sup>th</sup> AAAI Conference on Artificial Intelligence (AAAI-13), Special Track on AI and the Web (AIW)
- Information Systems Journal
- 2<sup>nd</sup> Joint Workshop on Knowledge Evolution and Ontology Dynamics (EvoDyn-12)
- 11<sup>th</sup> International Semantic Web Conference (ISWC-12)
- 14<sup>th</sup> International Workshop on Non-Monotonic Reasoning (NMR-12)
- 9<sup>th</sup> Extended Semantic Web Conference (ESWC-12)
- International Journal on Knowledge and Information Systems (KAIS)
- Journal of Web Semantics (JWS)
- 1<sup>st</sup> Joint Workshop on Knowledge Evolution and Ontology Dynamics (EvoDyn-11)
- International Journal on Semantic Web and Information Systems (IJSWIS)
- Journal of Web Semantics (JWS), Special Issue on Reasoning with Context in the Semantic Web
- Poster Session of the 8<sup>th</sup> Extended Semantic Web Conference (ESWC-11)
- PhD Symposium of the 8<sup>th</sup> Extended Semantic Web Conference (ESWC-11)
- Journal of Web Semantics (JWS), Special Issue on Semantic Web Dynamics
- Doctoral Consortium of the 9<sup>th</sup> International Semantic Web Conference (ISWC-10)
- 4<sup>th</sup> International Conference on Web Reasoning and Rule Systems (RR-10)
- 2<sup>nd</sup> Workshop on Automated Reasoning about Context and Ontology Evolution (ARCOE-10)
- Information Sciences Journal
- 7<sup>th</sup> Extended (former European) Semantic Web Conference (ESWC-10), Ontologies and Reasoning Track
- Chapter reviewer for book: “Knowledge-Driven Multimedia Information Extraction and Ontology Evolution”, edited by George Paliouras, Constantine Spyropoulos and George Tsatsaronis
- 3<sup>rd</sup> International Workshop on Ontology Dynamics (IWOD-09)
- 1<sup>st</sup> International Workshop on the Role of Semantic Web in Provenance Management (SWPM-09)
- Journal of Data and Knowledge Engineering (DKE)
- 3<sup>rd</sup> International Workshop on Ontology Dynamics (IWOD-09)
- 6<sup>th</sup> European Semantic Web Conference (ESWC-09)
- International Journal of Semantic Web and Information Systems (IJSWIS), Special Issue on Scalability and Performance of Semantic Web Systems
- Journal of Expert Systems
- 2<sup>nd</sup> International Workshop on Ontology Dynamics (IWOD-08)
- Demo Session of the 5<sup>th</sup> European Semantic Web Conference (ESWC-08)
- 5<sup>th</sup> European Semantic Web Conference (ESWC-08)
- Workshop on Ontology Evolution (OnE-07)

#### **Εξωτερικός Κριτής σε Εργαστήρια, Συνέδρια ή Περιοδικά**

- 18<sup>th</sup> Extended Semantic Web Conference (ESWC-21)
- 11<sup>th</sup> Hellenic Conference on Artificial Intelligence (SETN-20)

- 18<sup>th</sup> International Semantic Web Conference (ISWC-19)
- 16<sup>th</sup> Extended Semantic Web Conference (ESWC-19)
- The Web Conference 2019
- The Web Conference 2018
- 13<sup>th</sup> International Symposium on Commonsense Reasoning (Commonsense-2017)
- International Joint Conference on Rules and Reasoning 2017 (RuleML+RR 2017)
- 25<sup>th</sup> ACM International Conference on Information and Knowledge Management (CIKM-16)
- 15<sup>th</sup> International Semantic Web Conference (ISWC-16)
- Joint Conference on Digital Libraries 2016 (JCDL-16)
- 13<sup>th</sup> Extended Semantic Web Conference (ESWC-16)
- 20<sup>th</sup> International Conference on Logic for Programming, Artificial Intelligence and Reasoning (LPAR20-2015)
- 14<sup>th</sup> International Semantic Web Conference (ISWC-15)
- 23<sup>rd</sup> ACM International Conference on Information and Knowledge Management (CIKM-14)
- 27<sup>th</sup> International Workshop on Description Logics (DL-14)
- 11<sup>th</sup> Extended Semantic Web Conference (ESWC-14)
- 11<sup>th</sup> Extended Semantic Web Conference (ESWC-14), PhD Symposium
- 23<sup>rd</sup> International World Wide Web Conference (WWW-14)
- 12<sup>th</sup> International Semantic Web Conference (ISWC-13)
- International Journal on Knowledge and Information Systems (KAIS)
- 16<sup>th</sup> International Conference on Extending Database Technology (EDBT-13), PhD Workshop
- 16<sup>th</sup> International Conference on Extending Database Technology (EDBT-13)
- 10<sup>th</sup> International Conference on Ontologies, Databases and Applications of Semantics (ODBASE-12)
- 11<sup>th</sup> Hellenic Data Management Symposium (HDMS-12)
- International Journal on Artificial Intelligence Tools (IJAIT)
- 10<sup>th</sup> International Conference on Ontologies, Databases and Applications of Semantics (ODBASE-11)
- 20<sup>th</sup> ACM Conference on Information and Knowledge Management (CIKM-11)
- 30<sup>th</sup> International Conference on Conceptual Modelling (ER-11)
- International Conference on Theory and Practice of Digital Libraries 2011 (TPDL-11)
- 8<sup>th</sup> Extended Semantic Web Conference (ESWC-11)
- 14<sup>th</sup> International Conference on Extending Database Technology (EDBT-11)
- 13<sup>th</sup> International Workshop on Non-Monotonic Reasoning (NMR-10), Sub-workshop on Commonsense and NMR for Ontologies (NMRONTO-10)
- 6<sup>th</sup> Hellenic Conference on Artificial Intelligence (SETN-10)
- 13<sup>th</sup> European Conference on Digital Libraries (ECDL-09)
- Distributed and Parallel Databases Journal, Special Issue on Provenance of Scientific Data
- Journal of Web Semantics
- 35<sup>th</sup> International Conference on Very Large Data Bases (VLDB-09)
- 3<sup>rd</sup> Asian Semantic Web Conference (ASWC-08)
- 12<sup>th</sup> International Database Engineering and Applications Symposium (IDEAS-08)

- 5<sup>th</sup> International Symposium on Foundations of Information and Knowledge Systems (FoIKS-08)
- Journal of Expert Systems
- 6<sup>th</sup> International Conference on Ontologies, Data Bases, and Applications of Semantics (ODBASE-07)
- 19<sup>th</sup> IEEE International Conference on Tools with Artificial Intelligence (ICTAI-07)
- 6<sup>th</sup> International Semantic Web Conference (ISWC-07)
- Expert Systems: Journal of Knowledge Engineering
- 4<sup>th</sup> European Semantic Web Conference (ESWC-07)
- 16<sup>th</sup> International World Wide Web Conference (WWW-07)
- 10<sup>th</sup> International Database Applications and Engineering Symposium (IDEAS-06)
- 10<sup>th</sup> European Conference on Logics in Artificial Intelligence (JELIA-06)
- 1<sup>st</sup> International Conference on Knowledge Science, Engineering and Management (KSEM-06)
- Journal of Data and Knowledge Engineering (DKE)
- 10<sup>th</sup> International Conference on Principles of Knowledge Representation and Reasoning (KR-06)
- 6<sup>th</sup> International Conference on Web Information Systems Engineering (WISE-05)
- 7<sup>th</sup> International Symposium on Logical Formalizations of Commonsense Reasoning (Commonsense-05)
- 2<sup>nd</sup> European Semantic Web Conference (ESWC-05)
- 19<sup>th</sup> National Conference on Artificial Intelligence (AAAI-04)

## ΔΙΑΦΟΡΑ

- Μέλος της Ελληνικής Εταιρείας Τεχνητής Νοημοσύνης (EETN)
- Συμμετοχή στην συγγραφή της Ελληνικής Εθνικής Στρατηγικής για την Τεχνητή Νοημοσύνη, 2020.
- Παρακολούθηση 24-ωρου σεμιναρίου με θέμα την διαχείριση έργων (“Project Management: Applied technical skills for Project Managers”)
- Ενδιαφέροντα: αγωνιστικό μπριτζ, επιτραπέζια και ηλεκτρονικά παιχνίδια, μουσική, διάβασμα, αθλητισμός