

PERSONAL INFORMATION

Family name, First name Le Phuoc, Danh (ORCID: 0000-0003-2480-9261)
Date of birth: 12/05/1979
Nationality: Ireland and Vietnam
Home URL: <http://danhlephuoc.info/>
Google Scholar profile: <https://goo.gl/NShVpG> (H-index: 23, citations: 2660)

EDUCATION

2007 –2013 Ph.D
College of Engineering and Informatics, National University of Ireland Galway, Ireland
Supervised by Prof. Manfred Hauswirth
2004 –2006 MSc
Hue College of Science, Hue University, Vietnam

CURRENT POSITIONS

2018 – Senior Scientist
Faculty IV, Technical University of Berlin, Germany
2014 – Adjunct Lecturer
College of Engineering and Informatics, National University of Ireland Galway, Ireland

PREVIOUS POSITIONS

2016 –2018 Marie Sklodowska-Curie Fellow
Faculty IV, Technical University of Berlin, Germany
2013 –2016 Research Fellow
College of Engineering and Informatics, National University of Ireland Galway, Ireland
2014 –2016 Scientific Advisor
RSM Traffic, a start-up in Intelligent Transportation Systems in Ireland and US
2008 –2013 Research Assistant
College of Engineering and Informatics, National University of Ireland Galway, Ireland
2005 –2006 Software Engineer
Punch Entertainment
2003 –2006 Cisco Network Instructor
Cisco Networking Academy, Hue University
2003 –2006 Database and Network Administrator
Hue Learning Resource Centre, Hue University

FELLOWSHIPS

2016 –2018 H2020 Marie Sklodowska-Curie Individual Fellowship
Faculty IV, Technical University of Berlin, Germany
2013 –2015 Irish Research Council Postdoctoral Fellowship
College of Engineering and Informatics, National University of Ireland Galway, Ireland

Honors & Awards

1. Best Paper Award at the 8th International Conference on the Internet of Things (IoT 2018)
2. Best Poster Award at The 17th International Semantic Web Conference (ISWC 2018)
3. Second Prize at European Linked Data Award 2015 (SEMANTICS 2015)
4. Second Prize at Semantic Web Challenge 2014 (ISWC 2014, Riva Del Garda, Trentino, Italy)
5. Honourable mention at Semantic Web Challenge 2011 (ISWC 2011, Bonn, Germany)
6. Best Demo Award at ISWC 2010 (ISWC 2010, Shanghai, China)
7. First Award at Linked Data Triplification Challenge 2010 (I-Semantics 2010, Graz, Austria)
8. Honourable mention at Linked Data Triplification Challenge (I-Semantics 2009, Graz, Austria)
9. Third Award at Linked Data Triplification Challenge 2008 (I-Semantics 2008, Graz, Austria)
10. Google Summer of Code 2008
11. Second National Award on Programming Contest for College Student (1999)
12. Third National Award on Programming Contest for College Student (1998)

Grant acquisition portfolio

1. PI grant from an EU Project, Big-IoT (Grant No. H2020-ICT-30-2015-688038, 681,250 EUR): Principal investigator for the project: “Big-IoT – Bridging the Interoperability Gap of the Internet of Things”, RIA, European Union, Horizon 2020, 2016–2019, total budget: 8 million EUR, 13 partners. I handed over the project when I started my Marie Sklodowska-Curie Fellowship in April, 2016.
2. PI grant for Enterprise Ireland Innovation Partnership (Grant No. EI IP-2014/339, 199,369 EUR): Principal Investigator for the Innovation Partnership Project with B&B Smartworx, funded by Enterprise Ireland and B&B, with a team of seven people (three B&B developers as in-kind contribution), started January,2014, for a duration of 18 months.
3. Irish Research Council Postdoctoral Fellowship (Grant No. IRC GOIPD/2013/104, 96,000 EUR): Postdoctoral Fellowship funded by Irish Research Council with the research project titled “Scalable Linked Stream Data Stream Processing for Near Real-time Analytics”, started October, 2013 for two years.
4. H2020 Marie Curie Individual Fellowship (Grant No. H2020-MSCA-IF-2014-661180, 171,461 EUR): Marie Sklodowska-Curie Individual Fellowship funded by European Commission with the research project titled “A Scalable and Elastic Platform for Near-Realtime Analytics on The Graph of Everything(SMARTER)”, started April,2016 in a duration of two years.
5. Commercialisation Grant (15,00 EUR) for a Commercial Case Feasibility Project related to my PhD Thesi (2015), Feasibility Study Grant for Innovation Partnership (9,000 EUR) with CBE Ireland(2014) and Innovation Vouchers (5000 EUR each) to explore innovation applications from my research results in industry products with CBE Ireland and RSM Traffic Ireland (2014) are funded by Enterprise Ireland.

Invited Presentations

1. “*Semantics for Internet of Things*”, Invited Lecture at International Winter School on the Future IoT, Munich, Germany, 2018
2. “*Autonomous Semantic Stream Processing*”, Invited Seminar Talk at University of Aberdeen, September, 2018, Aberdeen, UK.
3. “*Web of Things: HTML to AI*”, Invited Talk at The Internet of Things Week 2018 Bilbao, Spain.
4. “*A big near-realtime data analytic platform using Linked Data*”, Invited Talk, First Irish Workshop on Effective Large Scale Computing for Big Data Analytics, Dublin, 2014.
5. “*Pushing the Data Ubiquity Limit of Internet of Things with Linked Data*”, Panel Talk at The Fifth International Conference on Mobile Ubiquitous Computing, Systems, Services and Technologies (UBI-COMM), Lisbon, Portugal 2011
6. “*Linked Stream Data Processing*”. Tutorial at the 22nd International World Wide Web Conference, May 13-17, 2013, Rio de Janeiro, Brazil.
7. “*Linked Stream Data Processing*”. Invited Lecture at the Reasoning Web Summer School, September, 2012, Vienna, Austria,

SUPERVISION OF GRADUATE STUDENTS

2013 – Two on-going PhD students (Anh Le Tuan and Hoan Nguyen Mau Quoc) and four Master Students (finished:Anh Le Tuan, Chan Le Van and Huy Le Van; on-going: Darshan Mukund Hingu), College of Engineering and Informatics, National University of Ireland Galway, Ireland

TEACHING ACTIVITIES

2017 – Lecturer - Distributed Algorithms and Semantic Web (annually), Faculty IV, Technical University of Berlin, Germany

ORGANISATION OF SCIENTIFIC MEETINGS

2018 Co-chair of 2nd Workshop on High-Level Declarative Stream Processing at KI 2018, Berlin (Sept,2018)

2018 Co-organiser of Stream Reasoning Workshop, Zurich , Switzerland (January, 2018)

2017 Co-chair of 2nd RDF Stream Processing Workshop at ESWC 2017 (May, 2017))

2016 Co-organiser of Stream Reasoning Workshop, Berlin, Germany (September, 2016)

2011 Co-chair of Triplification Challenge 2012, I-Semantics (September, 2011)

INSTITUTIONAL AND MANAGERIAL RESPONSIBILITIES

- 2018 –2021 Technical Manager for the Work Package on Scalable Semantic Stream Processing of Berlin Big Data Center 2 Project, Faculty IV, Technical University of Berlin, Germany
- 2013 –2016 Deputy Unit Leader of UIoT (Research Unit of Internet of Things), Insight Centre for Data Analytics, National University of Galway, Ireland
- 2014 –2016 Principle Investigator of three projects GAMBAS (FP7) and Innovation Partnership with B&B SmartWorx (Enterprise Ireland) and BigIoT (H2020) , Insight Centre for Data Analytics, National University of Galway, Ireland
- 2008 –2013 Technical Manager/Team Leader for two EU projects: PECES (FP7) and OpenIoT (FP7), Insight Centre for Data Analytics, National University of Galway, Ireland

EDITING AND REVIEWING ACTIVITIES

- 2018 Co-editor of special issue on "Semantics for Sensors, Network and Things", Sensors (Impact Factor: 2.475)
- 2018 Co-editor of special issue on "High Level Declarative Stream Processing", Open Journal of Database
- 2017 Co-editor of special issue on "Stream Reasoning", Semantic Web Journal (Impact Factor: 2.224)
- 2018, 2019 Program Committee of The Web Conference (WWW 2018 and WWW2019)
- 2016 –2018 Program Committee of International Semantic Web Conference (ISWC) series: ISWC 2016, ISWC 2017 and ISWC 2018.
- 2012 –2018 Program Committee of Extended Semantic Web Conference (ESWC) Conference Series: ESWC 2012-2018 (7 years in a row).
- 2018 Program Committee of 8th International Conference on Internet of Things, 2018.
- 2017 Program Committee of 17th International Conference on Web Engineering, 2017.
- 2017, 2018 Program Committee of 9th and 10th Service-Oriented Computing & Applications Conference
- 2010– Regular Reviewer of Journal of Web Semantics, Semantic Web Journal and International Journal on Semantic Web And Information Systems
- 2009– Program Committee of more than 20 workshops, e.g., Semantic Search, Semantic Sensor Network. RDF Stream Processing, Stream Reasoning and Querying the Web of Data.

MEMBERSHIPS OF SCIENTIFIC SOCIETIES AND STANDARDIZATION BODIES

- 2016 – W3C Advisory Committee Representative for Technical University of Berlin
- 2015 –2017 Co-Editor of W3C Recommendation for Semantic Sensor Network Ontology of W3C Spatial Data on the Web Working Groups
- 2017 – Co-Chair of Semantics and Linked Data Task Force at W3C Web of Things Interest & Working Group
- 2015 –2017 Member of W3C RDF Stream Processing Community Group
- 2016 Member of W3C Schema.org Community Group
- 2009 –2011 Member of W3C Semantic Sensor Network Incubator Group.
- 2016 – ACM and IEEE member