

Special Session

Informatics Europe Activities

ECSS 2018 – Gothenburg, October 9

- When Computers Decide Report- James Larus (EPFL)
- Informatics Research Evaluation Report - Hélène Kirchner (INRIA)
- Informatics Education in Europe: Key Data Report 2012-2017 - Svetlana Tikhonenko (Informatics Europe)
- **Industry Funding for Informatics Research - A Pilot Study - Svetlana Tikhonenko (Informatics Europe)**

Industry Funding for Academic Research in Informatics in Europe – A Pilot Study

Svetlana Tikhonenko, Informatics Europe

An abstract graphic in the bottom right corner consisting of a network of interconnected nodes and lines, rendered in a light yellow/gold color against the dark blue background. The nodes are small circles, and the lines are thin, creating a complex, web-like structure that suggests connectivity and data flow.

Industry Funding for Informatics Research

- Exploratory study run from March 2018
- Objective 1: understand the **level of industry funding** going to **different areas** of Informatics research in Europe
- Objective 2: evaluate the **feasibility of a bigger scale study** involving a higher number of institutions and countries

Industry Funding for Informatics Research

- **12** study participants: **4** countries (Germany, the Netherlands, Switzerland, UK) x **3** academic institutions
- **STEP 1:** Search on publicly available data (March-April 2018) -> *data on industry funding for academic research in Europe is not widely available*
- **STEP 2:** Online Survey (May – September 2018) -> *September 2018: data from 9 out of 12 participants (75% response rate)*
- **STEP 3:** Data analysis & reporting (September – end of 2018) -> *in progress*

Industry Funding for Informatics Research: Survey

- Which Research Projects – active in 2017 - have received funding above 10K from industry and what was the amount and period of funding?

sufficient to indicate

Area of Informatics Research (e.g. Software development, Security & Privacy, Machine Learning, AI, Networks, etc.)

Starting and ending month of funding

Total amount of funding for the whole period

PI and Sponsor Names not needed

Industry Funding for Informatics Research: Data discretion

- Data is not shared to third parties
- Data and results are aggregated and reported in anonymized form
- Not possible to link the study participant with the funding amount, project or area of funding

Industry Funding for Informatics Research: Survey

Few examples of answers (anonymized)

Research Area	Start of funding (dd/mm/yyyy)	End of funding (dd/mm/yyyy)	Total Amount of Money (national currency)
Big data	01.04.2015	01.04.2019	180,000
Bioinformatics	01.10.2011	30.04.2020	750,000
Blockchain	01.02.2017	30.01.2021	1,330,900
Computer vision	01.10.2015	01.09.2018	778,400
Data science	01.09.2017	31.08.2022	3,000,000
Human centred computing	14.06.2017		120,000
Security and privacy: cyber-security	01.09.2017	31.08.2019	643,000
Software performance engineering	01.04.2015	01.04.2020	440,840
Ubiquitous computing	01.10.2012	31.01.2018	1,548,000

Industry Funding for Informatics Research: Survey participants

- **Delft University of Technology**, Faculty of Electrical Engineering, Mathematics and Computer Science (Netherlands)
- **EPFL**, School of Computer and Communication Sciences (Switzerland)
- **Imperial College London**, Department of Computing (UK)
- **Vrije Universiteit Amsterdam**, Department of Computer Sciences (Netherlands)
- **University of Edinburgh**, School of Informatics (UK)
- **University of Oxford**, Department of Computer Science (UK)
- **University of Paderborn**, Department of Computer Science (Germany)
- **University of Zurich**, Department of Informatics (Switzerland)
- **Utrecht University**, Department of Information and Computing Sciences (Netherlands)

Industry Funding for Informatics Research: Plans

- Report with pilot study results – end of 2018
- Bigger scale study involving more institutions – 2019
- We invite ALL members of IE to participate in a bigger scale study next year!

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