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
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)

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