

Brief characteristics of an applicant in professor appointing at CTU in Prague

Applicant: MSc. Jan Verelst, PhD.

A) In pedagogical field

- The number of PhD students for whom the applicant was appointed supervisor, or specialist supervisor and who successfully defended their PhD theses:
 - 4 PhD successfully defended students as supervisor
 - 3 PhD successfully defended students as co-supervisor
- The number of defended master/bachelor theses supervised by the applicant:
 - more then 30 master thesis at University of Antwerp (2-5 annually since 2004)
 - 2 mastter thesis at CTU FIT (as reviewer)
- Applicant's most prominent deed in the field of teaching:
 - Introduction of 6 new courses at University of Antwerp (3 bachelor, 3 master): *Ba-Information Systems, Ba-Systems Design, Ba-Systems Analysis, Ma-Enterprise Engineering, Ma-Enterprise Architectures, Ma-Capita Selecta in Enterprise Engineering*
 - introduction of 1 master course at CTU FIT: *MI-NSS Normalized Software Systems*
 - Belgium Faculty of Applied Sciences / University of Antwerp Education prize. 2014.
 - Belgium IBM Faculty Award 'Normalized Systems: a systems theoretical basis for evolvable information systems, services and enterprise architectures' 2013.

B) In the field of creative activity

- Five significant original outcomes of creative activity. Outcomes represents applicants contributions to areas of evaluability of conceptual models, research of open source software, foundations of normalized systems, and application of normalized systems in conceptual modeling.
 - Verelst, J.: The influence of the level of abstraction on the evolvability of conceptual models of information systems. 2005. EMPIRICAL SOFTWARE ENGINEERING. WOS:000232247100003
 - Ven, K., Verelst, J.: The impact of ideology on the organizational adoption of open source software. 2008. Selected Readings on the Human Side of Information Technology.
 - Mannaert, H.; Verelst, J.; Ven, K.: The transformation of requirements into software primitives: Studying evolvability based on systems theoretic stability. 2011. SCIENCE OF COMPUTER PROGRAMMING WOS:000292806900010
 - Mannaert, H.; Verelst, J.; Ven, K.: Towards evolvable software architectures based on systems theoretic stability. 2012. SOFTWARE-PRACTICE & EXPERIENCE. WOS:000298596200006
 - De Bruyn, P.; Mannaert, H.; Verelst, J.; Huysmans, P.: Enabling Normalized Systems in Practice - Exploring a Modeling Approach. 2018. BUSINESS & INFORMATION SYSTEMS ENGINEERING WOS:000423605600005
- H-index:
 - 9 (WoS) , 17 (GS), 12 (Scopus)
- Number of citations WOS/Scopus/reactions of arch. work, self-citations not included:
 - 238 (WoS), 1 439 (GS), 511 (Scopus)

- Two most prominent grant projects or projects of which the applicant was a recipient or co-recipient (applicant or co-applicant):
 - Co-founder of NSX Spinoff. This is an official spin-off of the University of Antwerp, with an official licence agreement with the University, for the construction of Normalized Systems (NS) application at industrial scale. The spin-off was founded in 2011, and realized turnovers of just under 3 million euro in 2017 and 2018. Cumulative turnover more than 8 milion euro.
 - Grant: Modulaire en evolueerbare documentbeheersystemen gebaseerd op normalized systems theorie: onderzoek gebaseerd op gevalstudies en pilootapplicaties. Founded by University of Antwerp. 2019. Budget 196 000 Eur.
- Most prominent recognition by community (incl. recognition in an arch. or art. competition):
 - Member of Editorial Board International Journal of Information System Modeling and Design (IJISMD), since 2013, WOS-indexed journal.
- Most prominent service for the community:
 - Org Chair 7th Enterprise Engineering Working Conference (EEWC),

In Prague, November 20, 2019

Professor Appointing Committee:

Chair:

prof. Dr. Ing. Petr Kroha, CSc.



Members:

prof. RNDr. Tomáš Skopal, Ph.D.



prof. Ing. František Plášil, DrSc.



prof. Ing. Václav Řepa, CSc.



prof. Ing. Pavol Návrat, PhD.

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