Brief characteristics of an applicant in habilitation proceedings at CTU in Prague

Applicant: Ing. Robert Pergl, Ph.D.

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:
  - 1 PhD student after the state doctoral examination.
- The number of defended master/bachelor theses supervised by the applicant:
  - 19 Master theses, 22 Bachelor theses since 2014.
- Applicant's most prominent deed in the field of teaching:
  - Introduction of 3 new subjects since 2014: *Conceptual Modelling, Normalized Software Systems,* and *Applied Functional Programming*
- Assessment of the applicant in the Quality Evaluation System Anketa.cvut.cz in the last 4 semesters (1 is the best, 3 is the worst):
  - Summer 2017/18   1.083
  - Winter 2017/18   1.782
  - Summer 2016/17   1.144
  - Winter 2016/17   1.271

B) In the field of creative activity

- Three significant original outcomes of creative activity of arch. or art. realizations:
  - Verdonck M., Pergl R., Gailly F. (2018) Empirical Comparison of Model Consistency Between Ontology-Driven Conceptual Modeling and Traditional Conceptual Modeling. In: Trujillo J. et al. (eds) Conceptual Modeling. ER 2018. Lecture Notes in Computer Science, vol 11157:43-57. Springer.
  - Náplava, P., & Pergl, R. (2015). Empirical Study of Applying the DEMO Method for Improving BPMN Process Models in Academic Environment. In 2015 IEEE 17th Conference on Business Informatics (Vol. 2, pp. 18–26).
  - Rybola, Z., & Pergl, R. (2014). Towards ontoUML for software engineering: Transformation of kinds and subkinds into relational databases, Computer Science and Information Systems, 14(3):913–937 DOI: https://doi.org/10.2298/CSIS170109035R.
- H-index with self-citations not included:
  - 3 (WoS) , 6 (GS), 3 (Scopus)
- Number of citations WOS/Scopus/reactions of arch. work, self-citations not included:
  - 20 (WoS), 134 (GS), 39 (Scopus)
- Mobility (stays in a workplace abroad – place, duration and outcomes of the stay):
  - More than 10 short-term visits that resulted in international collaborations, consortia memberships, joint projects, and introduction of new subjects (details in the respective forms).
- Two most prominent grant projects of which the applicant was a recipient or co-recipient (applicant or co-applicant):
  - *Towards Data Stewardship in ELIXIR: Training & Portal*, International project of The ELIXIR Europe Research Infrastructure.
  - *Ontological Analysis of Marrow Donor Registry*, ELIXIR CZ project.
- Example(s) of implementation of applicant's outcomes in practice:
  - The open-source project OpenPonk,
  - NS Conceptual Modeller (NSX, Belgium),

- - ○ tools for modelling of multiagent systems (CIRAD, France).
  - Most prominent recognition by community (incl. recognition in an arch. or art. competition):
    - ○ A Member of the Editorial Board of Springer *The Enterprise Engineering Series*.
  - Most prominent service for the community:
    - ○ Committee member of the ELIXIR CZ Czech national Node of ELIXIR Europe

In Prague, Jan 23, 2019.
Habilitation Committee:
Chair: **Members:**