

CURRICULUM VITAE

Name: Priv.-Doz. Dr. Bogdan Savchynskyy
Born 1979

Contact: <https://hci.iwr.uni-heidelberg.de/vislearn/people/bogdan/>



EDUCATION

02/2022	Habilitation	in Computer Science, Heidelberg University
09/2007	Ph.D.	in Computer Science (Systems and Tools of Artificial Intelligence), National Academy of Science of Ukraine, IRTC
07/2002	Master	in Applied Mathematics, National Technical University of Ukraine "Kiev Polytechnical Institute"
09/2000	Bachelor	in Applied Mathematics, National Technical University of Ukraine "Kiev Polytechnical Institute"

WORKING POSITIONS

Since	Group Leader	
05.2021	(Akad. Oberrat, permanent)	at Computer Vision and Learning Lab, Heidelberg University
09.2017-	Group Leader	
04.2021	(Akad. Rat, permanent)	at Computer Vision and Learning Lab, Heidelberg University
01/2015-	Researcher	
08/2017	(since 6.2016 permanent)	at Computer Vision Lab Dresden, Dresden University of Technology
09/2009-	PostDoc	
12/2014		at Heidelberg Collaboratory for Image Processing, Heidelberg University
06/2007-	Researcher	
09/2009		at Department of Image Processing and Recognition, IRTC, National Academy of Science of Ukraine
11/2002-	PhD Student/	
05/2007	Junior researcher	at Department of Image Processing and Recognition, IRTC, National Academy of Science of Ukraine

AWARDS AND HONORS

07/2022	Outstanding Reviewer at ICML 2022
06/2016	Outstanding Reviewer Award at CVPR 2016
06/2015	Outstanding Reviewer Award at CVPR 2015
06/2014	Best Student Paper Award at CVPR 2014 (to P. Swoboda) for the work « <i>Partial Optimality by Pruning for MAP-inference with General</i>

09/2003 - 09/2005 *Graphical Models*» together with P. Swoboda, J. Kappes and C. Schnörr
 09/2001 - 08/2002 President of Ukraine Scholarship for Young Scientists
 Leonard Euler Scholarship for Young Scientists of *Deutsche Akademische Austauschdienst (DAAD)*

ACQUIRED FUNDING

05/2024 DFG: **Optimization Techniques for Multi-Graph Matching (OPTEMA)**, 340k€
 10/2023 (together with C. Rother) Industry-funded: Estimating Dense Depth-Information from a Single Camera in Real Time for Applications in Automotive Products, 470k€
 03/2022 DFG: **Unsupervised Model Discovery for Stereotypical Organisms (UMDISTO)**, 400k€
 08/2016 DFG: **Exact Relaxation-Based Inference in Graphical Models (ERBI)**, 270k€

SERVICE TO PROFESSION

Co-organization Program Chair of GCPR 2023
 Tutorial at CVPR-2016: “Diversity meets Deep Networks – Inference, Ensemble Learning and Applications“
 Tutorial at ICCV-2015: “Inference and Learning in Discrete Graphical Models: Theory and Practice“
 Workshop at Heidelberg University (Nov.2014): “Inference and Learning with Graphical Models”
 Workshop at ICCV-2013: “Graphical Models for Scene Understanding: Challenges and Perspectives”

Reviewer for Habilitation Thesis D. Pruša, Czech Technical University in Prague
 PhD Thesis K. Antoniuk, Czech Technical University in Prague
 T. Dlask, Czech Technical University in Prague
 Journals IEEE Transactions on Pattern Analysis and Machine Intelligence
 Journal of Artificial Intelligence Research
 Computer Vision and Image Understanding
 IEEE Transactions on Circuits and Systems for Video Technology
 SIAM Journal on Imaging Sciences
 Informs Journal of Computing
 Journal of Computer Vision
 Conferences CVPR (Computer Vision and Pattern Recognition)
 NIPS (Neural Information Processing Systems)
 ICML (International Conference on Machine Learning)
 ICCV (International Conference on Computer Vision)
 ECCV (European Conference on Computer Vision)
 AISTATS (Artificial Intelligence and Statistics)

TEACHING: Lecture Courses

- *Optimization for Machine Learning*
- *Algorithmen und Datenstrukturen*
- *Variational Image Analysis and Pattern Recognition*
- *Pattern recognition*
- *Structured pattern recognition*
- *Information theory and theories of coding*

SELECTED PROFESSIONAL TRAINING

11/2015	Professional Teaching for Beginners: From General to Subject-Specific Didactics (24h)
02/2013	Taking the Lead – Team Building and Leadership Competencies in Science (25h)

LANGUAGE SKILLS

Ukrainian	mother tongue
Russian	native speaker
English	fluent
German	fluent

27.06.2024

Bogdan Savchynskyy