

Questions?

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For any question regarding the PRS,
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Pattern Recognition Symposium Winter 2021

February 16th – 18th

Zoom

<https://fau.zoom.us/j/98563318037>

Pattern Recognition Lab

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Tuesday 16th February

- 12:20 *Mathias Öttl* IMA
Active deep learning for fiber segmentation
- 12:40 *Julia Schottenhamml* IMA
Deep Learning Glaucoma Classification in enface OCTA scans of the human macular region
- 13:00 *Seyed Mohammad Jafari* IPA
Deep Learning-based Motion Estimation and Compensation for Radiation Therapy
- 13:20 *Jennifer Maier* IPA
If at first you don't succeed, try, try again!
- 13:40 Break
- 13:55 *Nadine Rücker* LAMBDA
How Neural Networks can parse text
- 14:15 *Oliver Haas* LAMBDA
Using incidence rate ratios for temporal data mining of heterogeneous medical risk patterns
- 14:35 *Felix Denzinger* LAMBDA
Coronary Plaque Analysis for CT Angiography Clinical Research
- 14:55 *Tomás Arias* SAGI
Acoustic Analysis of Pathological Speech Signals
- 15:15 Break
- 15:30 *Philipp Klumpp* SAGI
Phonetic Analysis of Parkinson's Disease
- 15:50 *Hendrik Schröter* SAGI
Phase Sensitive Noise Reduction for Hearing Aids
- 16:10 *Christian Bergler* SAGI
Dr. Dolittle, is it you?
- 16:30 Break
- 16:45 *Camilo Vasquez* SAGI
End2End models for classification of Parkinson's Disease using Information from Speech, Handwriting, and Gait
- 17:05 *Jonas Denck* MRI
Acquisition Parameter Conditioned GANs for MR Image-to-Image Translation

17:25 *Hakan Calim* PRL
Using Image Segmentation in an Assistive Navigation System for Blind or Visually Impaired People

17:45 *Lina Felsner* IPA
Helical Dark-field Reconstruction

Wednesday 17th February

- 12:20 *Chang Liu* LAMBDA
Deep Learning Multi-Organ Segmentation
- 12:40 *Luis Carlos Rivera* LAMBDA
Peptide design for protease specificity testing
- 13:00 *Dalia Rodríguez* LAMBDA
Breast Lesion Detection using Extracted Attention Maps from a Weakly Supervised CNN
- 13:20 *Adarsh Bhandary Panambur* LAMBDA
Artificial Intelligence in Breast Cancer Treatment : A Review
- 13:40 Break
- 13:55 *Celia Martín Vicario* LAMBDA
Automatic detection of standard planes in surgical FD-CT Volumes
- 14:15 *Zijin Yang* MRI
MRI Liver Segmentation
- 14:35 *Moritz Venator* CV
Domain Adaptation for Visual Localization in Road Scenes
- 14:55 *Viktor Haase* IPA
Estimation of Statistical Weights for Model-Based Iterative CT Reconstruction
- 15:15 Break
- 15:30 *Stephan Seitz* IPA
Adjoint Optimization for 4D DSA
- 15:50 *Timo Klemm* IPA
Framework development for a test bench in the field of computed tomography
- 16:10 *Maximilian Reymann* IPA
Something with SPECT

16:30 *Seung Su Yoon* MRI
Automated Valve Tracking on Long Axis CINE CMR

16:50 Break

17:00 *Gary Marcus* Keynote
The Next Decade in AI: Four Steps Towards Robust Artificial Intelligence
<https://fau.zoom.us/j/96612815714?pwd=RUJ3NVNmNjZGZzk0REVETVZMaEFjdz09>
Meeting-ID: 966 1281 5714 Kenncode: 321855

Thursday 18th February

- 12:20 *Fabian Wagner* IPA
Low Dose Micro CT for Preclinical Studies
- 12:40 *Mareike Thies* IPA
Motion Compensation for High Resolution CT Scans of Living Mice
- 13:00 *Nora Gourmelon* CV
Application Area Water (in Different Physical States)
- 13:20 *Christian Marzahl* CV
Learning to be EXACT
- 13:40 Break
- 13:55 *Faezeh Nejati Hatamian* CV
Deep Learning-based Sheet Metal Formation Analysis
- 14:15 *Frauke Wilm* CV
How many annotators do we need?
- 14:35 *Pim de Haan* Keynote
Natural Graph Networks