RRPR 2024: Fifth Workshop on Reproducible Research in Pattern Recognition

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Overview of the program: first part

09:30 - 09:40	Workshop Opening
09:40 - 10:20	Reproducible Research - Bertrand Kerautret
09:40 - 10:00	Scratch Assay Assessment Benchmark Andreas Uhl, University of Salzburg `online`
10:00 - 10:20	A Benchmark for Automated Vickers Hardness Testing Andreas Uhl, University of Salzburg `online`
10:20 - 11:00	ICPR Companion papers - Federico Bolelli
10:20 - 10:40	Exploring the Impact of Model Parameters and Components on Video Saliency Prediction with Foundation Models - Moradi Morteza, University of Catania `online`
10:40 - 11:00	Companion Paper on GolfPose: Implementation and Reproducibility Notes - Ming-Han Lee, National Y. Ming Chiao Tung Univ. `online`
11:00 - 11:20	Coffee break

Overview of the program: second part

11:20 - 11:40	Promoting Reproducibility of Research Results in International Events (Report from the 4th RRPR) - Dan Lopresti `in pers.`

11:40 - 12:00	Reproducible Research - B. Kerautret
11:40 - 12:00	A Minimal Neural Network for Reproducible Gesture Recognition on Knitted Capacitive Touch Sensors - Daniel Schwartz, Drexel University `online`
12:00 - 13:00	ICPR Companion papers - D. Lopresti - Daniel Lopresti
12:00 - 12:20	BarBeR - Barcode Benchmark Repository:Implementation and Reproducibility Notes - Federico Bolelli, Univ. degli Studi di Modena e Reggio Emilia `in pers.`
12:20 - 12:40	Implementation and Reproducibility Notes on EMPATH: Enhancing Word-Level Sign Language Recognition - Kazi Reyazul Hasan, Bangladesh University of Engineering and Technology `online`
12:40 - 13:00	Research Reproducibility Paper: Learning Neural Networks for Multi-label Medical Image Retrieval Using Hamming Distance Fabricated with Jaccard Similarity Coefficient - Asim Manna, Department of Artificial Intelligence, IITK `in pers.`
12:40 - 13:00	Lunch

14:30 - 14:45	Presentation of proposed IAPR TC RR project - Bertrand Kerautret
14:45 - 15:25	Reproducible Research - Bertrand Kerautret
14:45 - 15:05	Unified Anomaly Detection methods on Edge Device using Knowledge Distillation and Quantization - Sushovan Jena, IIT Mandi · in pers.
15:05 - 15:25	Reducing Run-to-Run Variability in Neural Networks: A Comparative Study of Weight Optimization Methods - Waqas Ahmed, Friedrich Schiller University Jena · online
15:25 - 16:25	ICPR Companion papers
15:25 - 15:45	On Reproducibility of Graph Neural Network for Facial Palsy and Paresis Assessment: Effects of Pose Variability in Dataset - Zolbayar Shagdar, Norwegian University of Science and Technology · in pers.
15:45 - 16:05	Resolution-Robust Medical Image Registration Method Based on Fourier Neural Operator: Implementation and Reproducibility Aspects - Nikita Drozdov, Lomonosov Moscow State University · in pers.
16:05 - 16:30	Coffee break

Overview of the program: third part

16:30 - 16:50	Companion Paper: MeDiANet Implementation and Reproducibility Details - Dipayan Dewan, Indian Institute of Technology Kharagpur `online`
16:50 - 17:20	**Reproducible Research Discussions** - Daniel Lopresti `in pers.`
	closing workshop

To ask question and interact online, see shared link:
https://tinyurl.com/rrpr24pad
or
directly in live on the diffusion link:
https://tinyurl.com/rrpr24visio

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   ⇒ Make suggestions:
   https://semestriel.framapad.org/p/rrpr_discuss-9w0r

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(4) Have some good notes by the end of the workshop, and a plan to finish the report for the website within the next few weeks (by Dec. 30?).[1]

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[1]https://www.researchgate.net/publication/226678993_Reports_of_the_DAS02_working_groups
https://hal.science/hal-04091377/document

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More details visit:

https://rrpr2024.sciencesconf.org

Have a nice RRPR workshop and ICPR Conference 2024!

Authors papers access (pdf links):

https://rrpr2024.sciencesconf.org/program?lang=en