

Smart Diaspora 2023

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10 - 13 Aprilie 2023,
Timișoara

Eveniment aflat sub înaltul patronaj al
Președintelui României



Program Workshop

Abordări orientate către om pentru Inteligență Artificială de încredere (Trust-AI)

Coordonatori Workshop

Florea Adina Magda, University POLITEHNICA of Bucharest, Romania
 Negru Viorel, West University of Timișoara Romania, ICAM-UVT
 Cristea Alexandra, University of Durham, UK
 Timofte Radu, University of Würzburg, Germany, and ETH Zürich, Switzerland
 Manta Vasile, University "Gh. Asachi" Iași, Romania
 Nedevschi Sergiu, Technical University of Cluj-Napoca, Romania
 Leordeanu Marius, Institute of Mathematics of the Romanian Academy, Romania
 Sorici Alexandru, Romanian Association of Artificial Intelligence

Reprezentant ATU

Micota Flavia, West University of Timișoara Romania

Detalii workshop: <https://www.info.uvt.ro/trust-ai>

Marți, 11 Aprilie 2023

8:30 - 9:00	Înregistrare participanților (UVT, Blv. V. Pârvan nr. 4, sală 048)
9.00 - 10.30	<p>Sesiunea 1 (UVT, Blv. V. Pârvan nr. 4, sală 048) Chair: Florea Adina Magda, University POLITEHNICA of Bucharest, Romania</p> <p>Timofte Radu, Professor, Chair for Computer Vision, University of Würzburg, Germany, and ETH Zürich, Switzerland <i>Advances in Mobile AI and Computational Photography</i></p> <p>Bulat Adrian, Research Scientist, Samsung AI Cambridge, UK and "Gheorghe Asachi" Technical University of Iasi, Romania <i>Efficient vision-language learning</i></p> <p>Mocanu Decebal Constantin, Associate Professor, University of Luxembourg, Luxembourg <i>Dynamic Sparse Training: challenges and opportunities towards scalable, efficient, and sustainable AI</i></p>
10.30 - 11.00	Pauză de cafea

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Marti, 11 Aprilie 2023

11.00 - 12.30	<p>Sesiunea 2 (UVT, Blv. V. Pârvan nr. 4, sală 048) Chair: Timofte Radu, University of Würzburg, Germany, and ETH Zürich, Switzerland</p> <p>Caragea Cornelia, Professor, Computer Science Dept, University of Illinois at Chicago, USA <i>On the Calibration of Deep Learning Models to Improve Trustworthy AI</i></p> <p>Trăușan-Matu Ștefan, Professor, University POLITEHNICA of Bucharest, Romania <i>An Interdisciplinary Standpoint on Trustworthy Natural Language Processing</i></p> <p>Leon Florin, Professor, "Gheorghe Asachi" Technical University of Iași Romania <i>Artificial Intelligence Applications: Machine Learning, Optimization Algorithms, Multi-agent Systems and Autonomous Driving</i></p>
12.30 - 14.00	<p>Prânz (Vineri 15)</p>
14.00 - 15.30	<p>Sesiunea 3 (UVT, Blv. V. Pârvan nr. 4, sală 048) Chair: Manta Vasile, Technical University "Gheorghe Asachi" of Iași, Romania</p> <p>Voiculescu Irina, Associate Professor, University of Oxford, UK <i>How good is good enough? What measurements and methods are useful in various clinical imaging contexts, and how to evaluate imaging algorithm performance</i></p> <p>Sorici Alexandru, Associate Professor, University POLITEHNICA of Bucharest, Romania <i>Developing AI Toolkits for the Remote Monitoring of Patients with PD, MS and Stroke</i></p> <p>Groza Adrian, Professor, Computer Science Dept, Technical University of Cluj-Napoca, Romania <i>Interleaving machine learning with reasoning for identifying retinal conditions</i></p> <p>Cristea Dan, Professor, Iași branch of the Romanian Academy - Institute of Computer Science, Romania <i>Bringing the Old Writings More Near Us: Deep Learning in Deciphering Cyrillic-Romanian</i></p>
15.30 - 16.00	<p>Pauză de cafea</p>
16.00 - 17.30	<p>Sesiunea 4 (UVT, Blv. V. Pârvan nr. 4, sală 048) Chair: Micota Flavia, West University of Timișoara, Romania</p> <p>Leordeanu Marius, Professor, University POLITEHNICA of Bucharest and Institute of Mathematics of the Romanian Academy, Romania <i>Closer to the Truth: Unsupervised Learning by finding Consensus among Multiple World Interpretations</i></p> <p>Burceanu Elena, Scientist, Bitdefender, Romania <i>Generalization properties of deep representations towards trustworthy AI</i></p> <p>Istrate Gabriel, Professor, IeAT Institute Timișoara, University of București <i>Inteligenta Artificiala de încredere are nevoie de teoria jocurilor</i></p>

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Marți, 11 Aprilie 2023

17.30 - 19.30	Discuții cu doctoranzii în jurul posterelor
19.30 -	Cină și eveniment de networking în cadrul Workshop-ului (<i>Berăria 700</i>)

Miercuri, 12 Aprilie 2023

9.00 - 10.30	<p>Sesiunea 5 (<i>UVT, Blv. V. Pârvan nr. 4, sală 048</i>) Chair: Leordeanu Marius, University POLITEHNICA of Bucharest and Institute of Mathematics of the Romanian Academy, România</p> <p>Soviany Cristina, CEO / Head of R&D, Features Analytics SA, Belgium <i>AI based industry applications: A journey from cancer detection to market abuse detection</i></p> <p>Andrei Costin, Senior lecturer, Assistant Professor, Faculty of Information Technology, Univ Jyväskylä, Finland <i>Cybersecurity & AI</i></p> <p>Onchiș Darian, Associate Professor, Computer Science Dept., West University of Timișoara, Romania <i>Explainability-driven model improvement for fault diagnosis trustworthiness</i></p> <p>Florea Adina Magda, Professor, University POLITEHNICA of Bucharest, Romania <i>User trust in ambient assisted living systems</i></p>
10.30 - 11.00	Pauză de cafea
11.00 - 12.30	<p>Sesiunea 6 (<i>UVT, Blv. V. Pârvan nr. 4, sală 048</i>) Chair: Negru Viorel, West University of Timișoara, Romania</p> <p>Miron Marius, Senior AI Research Scientist, Earth Species Project, Pompeu Fabra University, Spain <i>Fairness and interpretability of ML</i></p> <p>Ciortea Andrei, Assistant Professor, School of Computer Science, University of St.Gallen, Switzerland <i>Hypermedia Multi-Agent Systems: Weaving a Web for People and Artificial Agents</i></p> <p>Cristea Alexandra, Professor, University of Durham, UK <i>Bias in AI</i></p>
12.30 - 14.00	Prânz (<i>Vineri 15</i>)

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Miercuri, 12 Aprilie 2023

14.00 - 16.00	Sesiunea 7 (UVT, Blv. V. Pârvan nr. 4, sală 048) Chair: Florea Adina Magda, University POLITEHNICA of Bucharest, Romania Dezbateri: „Challenges in Achieving Trustworthy AI in Romania” Trust-AI Workshop Conclusions: „A Look to the Future”
19.30 -	Gala Dinner (KRAFT – Centrul Regional de Afaceri, Blvd. Eroilor de la Tisa nr. 22)

Joi, 13 Aprilie 2023

9.00 - 10.30	Workshop-uri exploratorii. Prezentare concluzii (Aula Magna, UVT)
10.30 - 11.00	Pauză de cafea
11.00 - 12.30	Sesiune transversală. Prezentarea concluziilor referitoare la viziunea și obiectivele de țară privind cercetarea, dezvoltarea și inovarea în România: concluzii, aspirații și direcții de acțiune (Aula Magna, UVT)
13.00 - 19.00	Masă tradițională românească. Tradiții din Banat (Cramele Recaş)

Sponsori:

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Technology Driven, People Oriented

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