

## Wednesday, August 26, 2026

**Session-ICR-7**      **Computer Science and Computer Engineering Education**  
**07.40-09.20, August 26, 2026 (In-person)**

**Session Chair:**      **Tihomir Orehovački**  
Juraj Dobrila University of Pula, Croatia

**07.40-08.00**      Adoption of AI-Assisted Code Generation in Software Development:  
Insights from GitHub Copilot Trainings  
**Heidi Koivisto**<sup>1,2</sup>, Jarmo Koivusaari<sup>2</sup>, and Katja Saarela<sup>2</sup>  
<sup>1</sup>Tampere University, Tampere, Finland  
<sup>2</sup>Eficode Group Ltd, Helsinki, Finland

**08.00-08.20**      CodeBreaker: Design and Multidimensional Evaluation of a Puzzle-Based  
Game for Introductory Programming Education  
Adrian Drozina, Toni Bileta, and **Tihomir Orehovački**  
Juraj Dobrila University of Pula, Faculty of Informatics, Croatia

**08.20-08.40**      AI-Enhanced VR Shooting for Inclusive Training for young students with  
disabilities  
**Mario Covarrubias**<sup>1</sup>, Giacomo Giovanni Moroni<sup>1</sup>, Camilla Previte<sup>1</sup>,  
Niccolo Marino<sup>1</sup>, Gabriele Criscino<sup>1</sup>, and Sara Arlati<sup>2</sup>  
<sup>1</sup>Politecnico di Milano, Department of Mechanical Engineering, Italy  
<sup>2</sup>Institute of Intelligent Industrial Technologies and Systems for Advanced  
Manufacturing, Italy

**08.40-09.00**      Towards Enhancing Digital Marketplace User Experience for Students:  
Human-Centered Design Study of Freelancing Platform Interface  
Optimization  
**Mahmoud Bakkar**  
Department of Computer Science and Information Technology, Abu  
Dhabi University, UAE

**09.00-09.20**      When Expectations Do Not Match Experience: Evaluating Student  
Perceptions of Capture-the-Flag (CTF) Cybersecurity Learning  
**Mahibul Abdullah Ibne Momin** and Marko Helenius  
Tampere University, Finland

09.20-10.20

**Panel: Innovations in Health Informatics**

*Moderator:* **Robert Polding**, IE University, Spain

*Panelists:* **William Klement**, Winthrop University, USA  
**Marco Rocchetti**, University of Bologna, Italy  
**Vanessa Zorrilla-Muñoz**, Miguel Hernandez University, Spain

10.20-10.40

**BREAK**

Session-ICR-8

**Data Science + Quantum Computing**  
**10.40-12.20, August 26, 2026 (Remote)**

Session Chair:

**Faisal AlZyoud**  
Isra University, Jordan

10.40-11.00

RADAR-Q: Resource-Aware Distributed Asynchronous Routing for Entanglement Distribution in Multi-Tenant Quantum Networks  
Chenliang Tian<sup>1</sup>, Zebo Yang<sup>2</sup>, **Raj Jain**<sup>1</sup>, Ramana Kompella<sup>3</sup>, Reza Nejabati<sup>3</sup>, Eneet Kaur<sup>3</sup>, Aiman Erbad<sup>4</sup>, Mohamed Abdallah<sup>5</sup>, and Mounir Hamdi<sup>5</sup>

<sup>1</sup>Department of Computer Science and Engineering, Washington University in St. Louis, USA

<sup>2</sup>Department of Electrical Engineering and Computer Science, Florida Atlantic University, USA

<sup>3</sup>Quantum Lab, Cisco, USA

<sup>4</sup>Department of Computer Science and Engineering, Qatar University, Qatar

<sup>5</sup>Department of Science and Engineering, Hamad Bin Khalifa University, Qatar

11.00-11.20

Co-Coding with ChatGPT: Building a BCI Data Receiver and Evaluating AI-Assisted Development

**Tuomo Lahtinen** and Andrei Costin  
Faculty of Information Technology, University of Jyväskylä, Finland

11.20-11.40

Patent-Market Correlations via Fuzzy Technology Transfer Analysis  
Vincenzo Dentamaro<sup>1</sup>, **Felice Franchini**<sup>1</sup>, Stefano Galantucci<sup>2</sup>, and Giuseppe Pirlo<sup>1</sup>

<sup>1</sup>Department of Computer Science, University of Bari Aldo Moro, Italy

<sup>2</sup>Department of Agricultural Science, Food, Natural Resources and Engineering, University of Foggia, Italy

11.40-12.00

Dynamic ALS: A Unified Model for Mitigating Short-Term Noise and Long-Term Interest Drift in Streaming Recommendations

**Ting Cao**<sup>1</sup>, Tathagata Bhattacharya<sup>2</sup>, Taha Tekreeti<sup>3</sup>, Xiaopu Peng<sup>4</sup>, JP Tang<sup>5</sup>, and Xiao Qin<sup>6</sup>

<sup>1</sup> Utah Valley University, Orem, UT, USA

<sup>2</sup> Auburn University at Montgomery, USA

<sup>3</sup> Auburn University, USA

<sup>4</sup> Talladega College, USA

<sup>5</sup> Utah Valley University, USA

<sup>6</sup> Auburn University, USA

12.00-12.20

Explainable Plant Stress Classification using Vision-Language Models and Natural Language Explanations

Vito Domenico Amodio<sup>1</sup>, Lerina Aversano<sup>1</sup>, Vincenzo Dentamaro<sup>2</sup>, and **Felice Franchini**<sup>2</sup>

<sup>1</sup>Department of Agricultural Science, Food, Natural Resources and Engineering, University of Foggia, Italy

<sup>2</sup>Department of Computer Science, University of Bari Aldo Moro, Italy

12.20-12.40

**BREAK**

12.40-01.40

Keynote Speech: [Beyond Technology: How Digital Transformation Is Reshaping Learning](#)

**Professor Dr. Nadire Cavus**

Near East University, Cyprus