

Women in Circuits and Systems (WiCAS) and Young Professionals (YP) at PRIME-SMACD 2022

A “Women in Circuits and Systems” (WiCAS) event and a “Young Professionals” (YP) event took place during the International Conference on Ph.D. Research in Microelectronics and Electronics (PRIME) and the International Conference on Synthesis, Modeling, Analysis and Simulation Methods, and Applications to Circuit Design (SMACD), jointly held in Villasimius, Sardinia, Italy, on June 12–15, 2022. These events aim to inspire and motivate

students and young professionals in the domain of circuits and systems by meeting successful engineers and professors and having stimulating technical and professional talks in different fields of interest of the IEEE Circuits and Systems Society.

The joint WiCAS & YP event at PRIME-SMACD 2022 was held on June 13, 2022, organized by Dr. Giulia Di Capua (University of Cassino and Southern Lazio, Italy), and Dr. Elisabetta Moiselto (University of Pavia, Italy) (Fig. 1).

The event included a panel-interview, driven by the theme “How to turn a career path into a success: a cultural-awareness and self-discovery lesson.” The

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Figure 1. WiCAS & YP co-chairs: Elisabetta Moiselto (left) and Giulia Di Capua (right).



Figure 3. WiCAS & YP session: recognition gifts for the invited speakers: (from the left) Chiara Bartolozzi, Giulia Di Capua, Elisabetta Moiselto, Elena Blockina.



Figure 2. WiCAS & YP session: Chiara Bartolozzi (left) and Elena Blockina (right) during the interview.



Figure 4. WiCAS & YP session: recognition gifts for the PRIME-SMACD general chairs: (from the left) Giulia Di Capua, Nuno Lourenco, Franco Maloberti, Elisabetta Moiselto.

panel involved the participation of two well-recognized speakers: Dr. Elena Blockina, professor and researcher at University College Dublin (Ireland), expert in quantum computing and semiconductor devices for microelectronics, and Dr. Chiara Bartolozzi, researcher at the Italian Institute of Technology of Genoa (Italy), expert in advanced approaches in the design of sensors and algorithms for robotic perception (Fig. 2). They scientifically introduced themselves, presenting their main activities in their own field of research, and above all highlighting difficulties, challenges and successes faced by their research teams. After these preliminary presentations, Elena and Chiara were involved in an emotional interview, driven by photos and statements, which gave them the opportunity to share feelings, ideas and perceptions about the role of young female researchers in the scientific community. The interview was an inspiring session on women's leadership and gender equality paradigm.

A WiCAS & YP welcome cocktail was organized after the event, to thank all the attendees for their participation. All the participants received promotional items, gadgets and gifts during the social event (Figs. 3–8).

WiCAS Best Paper Awards and YP Best Paper Awards were also assigned for the two conferences. All WiCAS and YP winners were announced during the PRIME-SMACD 2022 awarding ceremony.

- A “SMACD WiCAS Best Paper Award” was assigned to Olympia Axelou, Ph.D. student at the University of Thessaly (Greece), for her paper titled “Accelerating Electromigration Stress Analysis Using Low-Rank Balanced Truncation.”

- A “SMACD YP Best Paper Award” was assigned to Malek Teib, Ph.D. student and analog design engineer at STMicroelectronics (France), for her paper titled “Multi-harvesting smart solution for self-powered wearable objects.”
- A “PRIME WiCAS Best Paper Award” was assigned to Paola Piedimonte, Ph.D. student at the Politecnico di Milano (Italy), for her paper titled “Differ-

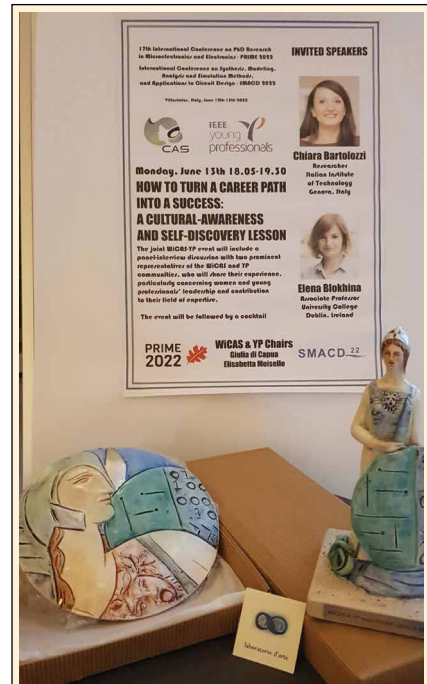


Figure 5. WiCAS & YP session: recognition gifts.



Figure 6. Attendees in conclusion of the WiCAS & YP session.

ential impedance biosensing platform for early diagnosis of viral infections.”

- A “PRIME YP Best Paper Award” was assigned to Alessandro Tontini, researcher at Fondazione Bruno Kessler (Italy), for his paper titled “Comparison of background-rejection techniques for SPAD-based LiDAR systems.”

The WiCAS and YP co-chairs express their gratitude to the PRIME and SMACD 2022 general chairs,

Prof. Franco Maloberti and Prof. Nuno Lourenço, and the conference organizing committee, for hosting the event. Thanks to Pragma Congress, for the great technical support received during the definition of the event. And thanks to the IEEE Circuits and Systems Society, for the financial support that helped in making this event a great moment of professional and personal enrichment.

Many thanks to Giulia Di Capua, who contributed to this report.



Figure 7. Attendees enjoying the cocktail after the WiCAS & YP session.



Figure 8. Some of the attendees during the social event, after the WiCAS & YP session.