

THE AIM of this webinar is to give an overview of Printed electronic-related competence/facilities (Printed Electronic Arena, PEA-M) and examples of ongoing/past R&D activities covering:

- Printed sensors
- Sustainable energy storage (e.g., printed supercapacitors)
- Material development towards sustainable electronics
- Hybrid printed electronics and its application in active label, Medtech and consumer electronics.



THE OFFER is aimed at researchers, industries, problem-owners and end-users engaged in promoting collaborative activities toward sustainable electronic and distributed electronics.

Besides the offers on state-of-the-art equipment for printed electronics (screen-printing, aerosol jet printing and ink-jet printing), our team has consolidated expertise in ink formulation, ink/materials processing, system/electronics design, prototyping (including integration of rigid components) and evaluation.

Few of our collaborative activities will be presented to provide a glance in how Printed electronics at RISE could help its partners to develop sensors, materials and integrated printed systems.

For more information please visit:

www.printedelectronicsarena.com



Valerio Beni holds a degree (1999, Università degli Studi di Firenze, Italy) and a Ph.D. (2005, University College Cork, Ireland) in Chemistry. Before moving to RISE AB (2015), he has been working as Postdoctoral Researcher at Tyndall National Institute, Ireland (2005-2007), as Marie Curie Fellow at Universitat Rovira i Virgili, Spain (2008-2011), and as Assistant Professor at Linköping University, Sweden (2011-2015). His core expertise and current activities lie in the area of chemistry, printed electrochemical chemi/bio-sensors for clinical, food and environmental analysis, hybrid-printed electronic for sensing, inks and processes for stretchable and conformable electronics, project writing and management.



Duncan Platt has over 30 years of experience in electronics design and has previously worked at companies such as Ericsson, ÅF, Autoliv and GEC Marconi Avionics. He started working at RISE in May 2008. Duncan worked as a senior project manager for research projects in the field of microwave and millimeter wave technology for sensor, radar, communication and security applications, as well as RFIC and MMIC design, Acting Section Manager for Printed Electronics and Sensor Systems as well as being Group Manager for Electronic Design and Integration. He worked in the areas of sensor systems, wireless embedded systems, electronic integration, automotive electronics, free-space optical communications, as well as the development of various proof of concept prototypes and technology demonstrators. Duncan is currently the unit manager of Printed Electronics that is a part of the Smart Hardware department. He is a senior member of the IEEE.