Preliminary Programme

09:00 Welcome and Introduction
IMAPS Italy

09:10 AME – The Next Level of Electronics Manufacturing
Alexandre Schäfer, J.A.M.E.S GmbH - Germany
Ryojiro Tominaga, FUJI CORPORATION - Japan

10:00 Pushing the Boundaries of Additive Manufacturing with Ultra-Precise Deposition (UPD)
Łukasz Kosior, XTPL - Poland

10:25 Introducing HPCAP, an innovative AFM-based printing technology
Marc Pascual, Hummink - France

10:50 Coffee Break

11:20 Fabrication of micro-sized thermoelectric legs by laser-induced forward transfer
Matteo d’Angelo, Dario Crimella, Ali Gökhan Demir and Nora Lecis, Politecnico di Milano - Italy

11:45 High-Performance Organic Electrochemical Transistors Manufactured with Micro-Dispensing
Fabrizio Torricelli, University of Brescia - Brescia, Italy

12:10 3D printed micro-coolers for power electronics
Thomas Ebert, IQ evolution GmbH - Germany

12:35 Aligned 2-Photon Lithography
Mareike Trappen, Nanoscribe GmbH & Co. - Germany

13:00 Lunch

14:15 3D Printing of Silica Glass with Sub-Micrometer Resolution
Po-Han Huang, KTH Royal Institute of Technology - Sweden

14:40 Beyond Fine Pitch: 3D Microprinted Probes for <20 μm Pitch Probe Testing
Edward White, Exaddon - Switzerland

15:05 Inkjet Printing and Aerosol Jet Printing of Polymers for Wafer Bonding Applications
Filippo Iervolino, Politecnico di Milano - Italy

15:30 Coffee Break

16:00 Mass production of Optical Sub Assembling with RMPD
Reiner Goetzen, microTEC Gesellschaft für Mikrotechnologie mbH - Germany

16:25 Capacitive inertial MEMS fabricated through additive manufacturing ink-jet process
Giorgio De Pasquale, Politecnico di Torino - Italy

16:50 Printed CMOS Integrated Circuits: towards pervasive smart electronics systems
Andrea Perinot, FLEEP Technologies S.r.l. - Italy

17:15 Closing Remarks

Information

The conference will be held in English language in presence, for up to 100 people. Access is free and subject to availability, mandatory registration at the following link:
https://www.imaps-italy.it/in-primo-piano/7-november-2023-additive-manufacturing.html

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