

Micronarc Alpine Meeting

mAm 2017

The Microproducts Annual Meeting
8th edition

5 - 7 February 2017
+ Villars-sur-Ollon

mAm 2017 – The Microproducts Annual Meeting, 8ème édition

Dans la continuité du succès des sept premières éditions, le "Micronarc Alpine Meeting 2017" se concentrera sur les équipements et les processus et technologies innovants pour la fabrication de micro-produits. Conférences de haut niveau et réseautage sont au programme dans les Alpes Suisses.

Ces deux jours de conférences pour stimuler les échanges et les discussions, dans l'ambiance conviviale du charmant village de Villars, station de ski située à 1250 mètres d'altitude dans les Alpes Suisses. Le programme sera animé par des intervenants de premier plan. L'événement est une nouvelle fois co-organisé avec Mancef (www.mancef.org).

Une exposition commerciale destinée aux entreprises souhaitant augmenter leur visibilité et présenter leurs produits durant mAm 2017 se tiendra parallèlement aux conférences. Tous les détails ainsi que le formulaire d'inscription sont disponibles sur le site internet des conférences, à l'adresse www.mam2017.ch/exhibition.

La conférence internationale se déroulera sous forme de sessions uniques (pas de sessions en parallèle), et offrira aux participants un excellent aperçu des technologies de pointe pour la micro-fabrication. La limitation du nombre de participants (max. 100) issus du monde industriel et académique garantit un réseautage de qualité et des débats stimulants durant deux jours. Par ailleurs, la situation idyllique de la station alpine de Villars contribue à l'atmosphère détendue de cette rencontre.

Cet événement a reçu des échos très favorables de la part des participants des éditions précédentes, particulièrement en ce qui concerne la qualité des intervenants, le lieu exceptionnel et le nombre relativement limité de participants. Les conférences se déroulent en anglais.

mAm 2017 aura lieu de lundi à mardi, offrant ainsi la possibilité à ceux qui souhaiteraient arriver plus tôt de profiter de la proximité des installations de ski ou simplement de se détendre quelques jours dans un lieu idyllique. Le lundi, un dîner-conférence à 1700 mètres d'altitude ajoutera une petite touche de charme local.

Seul un nombre limité de participants pourront prendre part à cet événement. Ne le manquez pas!

- Les inscriptions seront ouvertes dès mi-novembre
- Les tarifs préférentiels pour inscription rapide seront valables jusqu'au 20 janvier 2017
- De plus amples informations, y-compris le programme technique, sont à disposition sur le site de la manifestation, www.mam2017.ch

mAm 2017 – The Microproducts Annual Meeting, 8th edition

Following in the success of the first 7 editions, The Micronarc Alpine Meeting 2017 will continue its focus on equipment and innovative processes and technologies for manufacturing micro-products. High-level talks and networking in the Swiss Alps.

This 2 day conference is a proven venue for stimulating networking and discussions in the casual atmosphere of Villars, a charming village and ski resort located at 1250 meters of altitude in the Swiss Alps. A selection of first-class invited speakers will comprise the program. The event is once again co-organised with MANCEF (www.mancef.org).

As usual, a table-top exhibition will be held in parallel to the speaking program. Interested in exhibiting and increasing the visibility of your company? See www.mam2017/exhibition for complete details and a booking form.

The international conference comprises a single track of sessions (no parallel sessions), providing participants with an excellent overview of cutting-edge micro-manufacturing technologies. The limited number of participants (~100 max), from



both industry and academia, is an ideal number for quality networking and stimulating discussions over 2 days. Furthermore, the idyllic setting in the Alpine ski-station of Villars in the Canton of Vaud simply adds to the relaxed atmosphere of the meeting!

The event has received excellent feedback from past participants, notably for the quality of the speakers, the excellent venue and relatively low number of participants. The presentation language of the conference is English.

mAm 2017 will take place on a Monday and Tuesday, thus permitting participants who wish to arrive early to take advantage of the close proximity the ski lifts or simply relax for a couple of days in the Alps. A conference dinner on Monday evening at 1700 meters of altitude will add a touch of local charm.

A limited number of participants will be able to attend the event. Don't miss it!

- Registration will open mid-November at: www.mam2017.ch/registration
- Early bird registration prices will be in effect until January 20, 2017.
- More information, including the technical program, is available on the conference web site: www.mam2017.ch

MAM 2017 EARLY PROGRAM

Sunday 5 February 2017

18:00 Registration open
Welcome drink in the hotel lobby
(dinner afterwards on your own)

Monday 6 February 2017

09:00 – 09:30 Welcome

- Danick Bionda, Secretary General, Micronarc
- Prof. Dr. Volker Saile, Karlsruhe Institute of Technology (Germany), President, Mancef

09:30 – 10:15 Invited Keynote on the Future of Micro-manufacturing I

- Dr. Bharat Bhushan, Ohio Eminent Scholar and The Howard D. Winbigler Professor and Director, NLBB (United States) Nanotechnology and Nanomanufacturing: Status and Challenges.

10:15 – 10:45 Coffee & Exhibition Visit

10:45 – 12:00 Micro-manufacturing Applications I
Watchmaking

- Keynote: Speaker to be confirmed, Haute Ecole Arc Ingénierie (Switzerland)
- The micro5: a revolution in CNC machining for watchmaking components
- Dr. Hubert Lorenz, CEO, Mimotec SA (Switzerland) Innovative LIGA design for watchmaking applications.
- +1 speaker to be confirmed

12:00 – 13:30 Lunch in the hotel

13:30 – 15:30 Micro-manufacturing Applications II
Medtech

- Keynote: Ludger Bodenbach, Head of R&D Point-of-Care at Roche Diagnostics Mannheim GmbH (Germany)
- Dr. John T. McDevitt, Chair, Department Biomaterials, New York University College of Dentistry, Bioengineering Institute (United States)
- Dr. Erol Harvey, CEO, MiniFAB (Australia) & Julien Déglon, CTO, DBS System (Switzerland)
- Prof. Dr. Per Magnus Kristiansen, FHNW (Switzerland) Injection molding of complex (opto-)microfluidic devices – opportunities, challenges and pitfalls

15:30 – 16:00 Coffee & Exhibition

16:00 – 17:30 MEMS

- Keynote: Benedetto Vigna, Executive Vice President, General Manager, Analog, MEMS & Sensors Group, ST Microelectronics (Italy/Switzerland)
- + 2 speakers to be confirmed

17:30 Adjourn for the day

19:00 Conference Dinner – Meet in hotel lobby at 19:00

Tuesday 7 February 2017

08:30-10:00 Energy Systems for Microproducts

- Dr. Danick Briand, Team Leader, Printed MEMS and Microsystems, EPFL (Switzerland) Green, low-cost and large area piezoelectricity and triboelectricity for sensing and harvesting

- + 2 speakers to be confirmed
- 10:00 – 10:30 Coffee & Exhibition
- 10:30 – 12:00 Novel Manufacturing I - Printing Technologies
- Dr. Patrick J. Smith, Laboratory of Applied Inkjet Printing, University of Sheffield (United Kingdom)
Silk Rockets and Tougher Composites made by Inkjet
- + 2 speakers to be confirmed
- 12:00 Lunch in the hotel
- 13:30 – 15:00 Novel Manufacturing II
Smart Systems Integration
- Speaker to be confirmed, Packaging & Optics, CSEM (Switzerland)
Packaging solutions for long-term active implants
- 15:00 – 15:30 Coffee & Exhibition Visit
- 15:30 – 16:15 Invited Keynote on the Future of Micro-manufacturing II
- Dr. Michel Despont, Manager MEMS Products, CSEM (Switzerland)
Optical MEMS: The Bright Side of MEMS
- 16:15 – 16:30 Final Remarks
- Prof. Dr. Volker Saile, Karlsruhe Institute of Technology (Germany), President, Mancef
- Danick Bionda, Secretary General, Micronarc
- 16:30 Conference adjourns
- Farewell reception in hotel lobby



Benedetto Vigna

SAVE THE DATE

5-7 February 2017
Villars-sur-Ollon, Switzerland

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