





#### Who are we?

- Switzerland has a worldwide leading position in micro and nano technologies
- The Swiss MNT Network gathers the main Swiss actors in the field
  - The Swiss MNT Network provides Swiss companies with worldwide leading-edge technologies for their innovations



#### **Trends in Micro Nano** Genève, 21.06.2017





Eidgenössische Technische Hochschule Zürich Swiss Federal Institute of Technology Zurich



Materials Science & Technology







INTERSTAATLICHE HOCHSCHULE FÜR TECHNIK BUCHS

PAUL SCHERRER INSTITUT





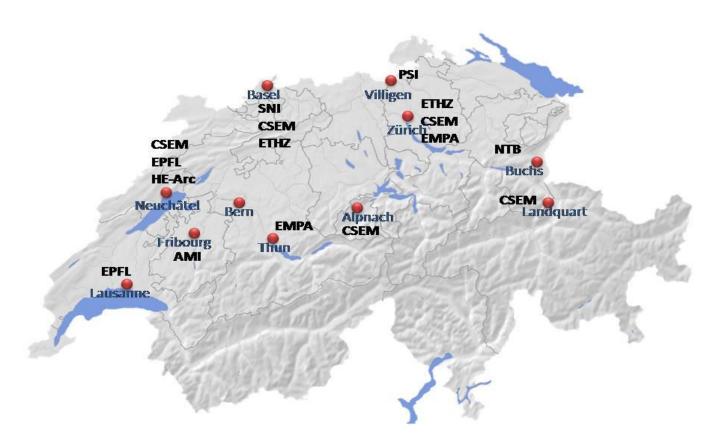






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## WHERE ARE WE?













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#### **OUR OBJECTIVES**

- Match ideas with technologies
- Turn ideas into demonstrators
- Provide Small Volume Production
- Provide solutions for Production Runs
- Advance the technology base
- Strengthen Switzerland's leading role in MNT
- Strengthen Swiss industry and create innovative high added value products











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#### **EVENTS**

#### Swiss NanoConvention

(2011 Baden; 2012 Lausanne; 2013 Basel; 2014 Brugg; 2015 Neuchâtel; 2016 Basel; 2017 Fribourg)

Swiss NanoConvention 2018: June 6-7 2018, Zürich

#### Trends in Micro Nano

(27.06.2013 Fribourg; 26.09.2013 Manno; 05.12.2013 Luzern; 07.05.2014 La Chaux-de-Fonds; 23.04.2015 Brugg; 01.09.2016 Buchs; 25.10.2016 Biel/Bienne)

21.06.2017 Genève







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#### **M**EMBERSHIP

- The Swiss MNT Network is an **association** with academic founding members
- Membership is open to industry and companies are very welcome to join



#### As a member, you

- get easy access to leading edge technologies for research, development, prototyping and small volume production
- have direct contact to the experts
- have direct access to young and highly motivated researchers

# www.swissmntnetwork.ch





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# Thank you!





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### **PROGRAMME**

16 h 00 Accueil et Introduction

Philippe Fischer (FSRM)

16 h 15 Des générateurs thermoélectriques basés sur des

liquides ioniques : Une alternative pour récupérer l'énergie

thermique perdue

Prof. Herbert Keppner (HE-ARC)

16 h 30 CMi: Des technologies de microfabrication de pointe accessibles aux

PME

Cyrille Hibert (**EPFL**)

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16 h 45 Histoire de Morphotonix

Veronica Savu (CEO, Morphotonix)

17 h 00 Nanostructured Sensors

Raphael Pugin (CSEM)

17 h 15 Déposition sélective - le rêve revient

Prof. Patrick Hoffmann (EMPA)

17 h 30 Discussion et Apéritif

La Suisse est à la pointe de la recherche mondiale dans les microet nanotechnologies. Profitez-en!

Venez découvrir les nouveautés, les tendances présentées par les principaux acteurs suisses du domaine. Une large place sera laissée à la discussion et à l'échange.



