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**PARTICIPATING EUROPEAN
RESEARCH INSTITUTES**



Commissariat à l'Énergie
Atomique et aux Énergies
Alternatives (CEA, France)



European organization for
nuclear research (CERN,
Switzerland)



Stiftung Deutsche
Elektronen-Synchrotron
(DESY, Germany)



Istituto Nazionale di Fisica
Nucleare (INFN, Italy)



The Henryk Niewodniczanski
Institute of Nuclear Physics,
Polish Academy of Sciences
(IFJ PAN, Poland)



Centre National de la
Recherche Scientifique
(CNRS, France)



Science and Technology
Facilities Council (STFC, UK)



Uppsala Universitet (UU,
Sweden)



Paul Scherrer Institut (PSI,
Switzerland)



Karlsruher Institut fuer
Technologie (KIT, Germany)



**ACCELERATOR
AND MAGNET INFRASTRUCTURE
FOR COOPERATION AND INNOVATION**



THE AMICI HORIZON 2020 PROJECT AIMS TO:

FOSTER INNOVATION

in the field of particle accelerators and superconducting magnets

FACILITATE INDUSTRIALISATION

by creating an open and easily accessible Technology
Infrastructure for European Industry to use

ENSURE SUSTAINABILITY

of the Technological Facilities



Grant agreement # 731086



AMICI Partner and Industry Days for Scientific Technology Infrastructure

18-19 April 2017

Best Western Hotel Biri
Via A. Grassi, 2 – Padova – Italy



The workshop is a unique opportunity for key people from vital companies, Technology Facilities and Technology Transfer offices in Europe to convene, in order to examine and discuss the AMICI project goals and program of activities and future collaborative initiatives.



Tuesday, 18th April 2017

Introduction

Convener: Dr. Mauro Morandin (INFN)

14:00 Welcome Address

14:10 The AMICI project: motivation and goals of the meeting
Dr. Olivier Napoly (CEA)

The future of accelerator based research facilities: opportunities and challenges for industry

Convener: Dr. Sylvie Leray (CEA)

14:40 Accelerator perspectives in the Americas
Dr. Andrew Hutton (JLab)

15:10 Particle accelerators and applied superconductivities in Asia
Dr. Akira Yamamoto (KEK)

15:40 Research Infrastructures and Technology Infrastructure: an essential link for the development of science in Europe
Dr. Philippe Chomaz (CEA)

16:10 - 17:00 Coffee Break and Posters

The role and the future of Technological Infrastructures in Europe

Convener: Dr. Olivier Napoly (CEA)

17:00 Major challenges in the evolution of superconducting magnets
Dr. Luca Bottura (CERN)

17:20 Technological infrastructure and industry: a success story SC magnets
Dr. Michael Gehring (BNG)

17:35 Technological infrastructure and industry: a success story RF cavities
Dr. Giorgio Corniani (ZANON)

17:50 Organisation of the 'AMICI-Industry partnership session'
Dr. Mauro Morandin (INFN)

18:10 Discussion

Registration is open

<http://agenda.infn.it/event/AMICI-IndustryDay>

Wednesday, 19th April 2017

Round Table Discussion 1

Chairman: Pasquale Fabbriatore (INFN)

08:30 Introduction

08:40 Professional training and apprenticeship
Conveners: Dr. Stéphane Berry (CEA), Dr. Eric Giguët (Alsyom)

09:20 Harmonization - Material and component reference
Conveners: Dr. Mohammed Fouaidy (CNRS), Mr. Bernd Spaniol (Heraeus Deutschland GmbH&Co.KG)

10:00 Prototyping with industry
Conveners: Dr. Paolo Michelato (INFN), Mr. Giorgio Corniani (Ettore Zanon s.p.a.)

Round Table Discussion 2

Chairman: Anthony Gleeson (STFC)

08:30 Introduction

08:40 Industry Survey - Accelerator Technologies
Conveners: Dr. Anthony Gleeson (STFC), Dr. Sophie Muller (Thales Comm. And Security)

09:20 Industry Survey - Magnets Technologies
Conveners: Dr. Pierre Védrine (CEA), Dr. Ziad Melhem (Oxford Instruments NanoScience)

10:00 Good practices and barriers
Conveners: Dr. David Alesini (LNF), Dr. Andrea Ceracchi (CECOM)

10:00 - 10:45 Coffee break and Posters

The collaboration with industry in the AMICI project 1/2

11:25 Strategy: goals/activities and discussion
Dr. Walid Kaabi (CNRS)

12:05 Cooperation: goals/activities and discussion
Dr. Riko Wichmann (DESY)

12:45 - 14:15 Lunch

The collaboration with industry in the AMICI project 2/2

14:15 Summaries of round tables

14:35 General discussion

15:00 Industry feedback

15:20 Close out