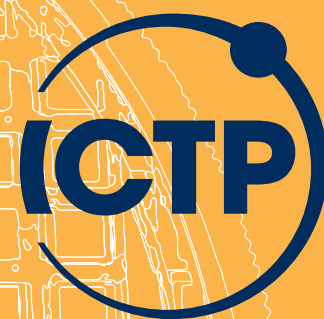


# Complex Analysis, Geometry and Dynamics ECM-ICTP 2020



**29 June - 3 July 2020**  
**Trieste, Italy**

Further information:  
<http://indico.ictp.it/event/9102/smr3457@ictp.it>

The goal is to bring together leading researchers worldwide in complex analysis, geometry, and dynamics, with the aim of enhanced future collaboration. These fields are strongly interrelated, and in order to be able to solve deep challenging problems it is becoming necessary to pursue synergies among them to a bigger degree than in the past.

## Topics:

- Holomorphic approximation theory
- L2 techniques, plurisubharmonic functions, complex pluripotential theory
- Complex dynamics in higher dimensions
- Holomorphic directed systems, contact systems
- Applications of complex analysis to minimal surfaces
- Flexibility versus rigidity in complex geometry
- Cauchy-Riemann geometry
- Monge-Ampère equations and Kähler manifolds

There have been major recent advances in all these topics which the speakers will report on. It is becoming increasingly evident that a deeper level of cooperation will be needed for further progress.

## Directors:

F. FORSTNERIČ, University of Ljubljana, Slovenia  
J. E. FORNAESS, Norwegian Univ. of Science and Technology, Norway  
X. HUANG, Rutgers University, USA  
X. ZHOU, Chinese Academy of Sciences, China

## Local Organizer:

C. AREZZO, ICTP

## Speakers:

A. ALARCÓN, University of Granada, Spain  
D. ANGELLA, University of Firenze, Italy  
F. BRACCI, University of Rome II-Tor Vergata, Italy  
F. DENG, University of Chinese Academy of Sciences, China  
B. DRINOVEC DRNOVŠEK, University of Ljubljana, Slovenia  
P. EBENFELT, University of California-San Diego, USA  
V. GUEDJ, University of Toulouse, France  
J.-M. HWANG, Korea Institute for Advanced Study, Korea  
S. KOŁODZIEJ, University of Cracow, Poland  
F. KUTZSCHEBAUCH, University of Berne, Switzerland  
B. LAMEL, University of Vienna, Austria  
F. LÁRUSSON, University of Adelaide, Australia  
X. MING, University of California-San Diego, USA  
S. NEMIROVSKI, Steklov Mathematical Institute, Russia  
T. OHSAWA, Nagoya University, Japan  
H. PETERS, University of Amsterdam, The Netherlands  
D. PHONG, Columbia University, USA  
N. SHCHERBINA, University of Wuppertal, Germany  
B. STENSØNES, NTNU, Norway  
L. STUDER, Universidad Complutense de Madrid, Spain  
J. WINKELMANN, Bochum University, Germany  
E. F. WOLD, University of Oslo, Norway  
E. WULCAN, University of Gothenburg, Sweden  
A. ZIMMER, Louisiana State University, USA

## How to apply:

Online application:  
<http://indico.ictp.it/event/9102/>

Female scientists are encouraged to apply.

## Grants:

A limited number of grants are available to support the attendance of selected participants, with priority given to participants from developing countries. There is no registration fee.

## Deadline:

**31 March 2020**

