



**2014 International Symposium on Crystallography – 100 Years of History
Fortaleza/CE, Brazil October 12-15th, 2014**

<http://www.sic100.ufc.br>

The Symposium will be held in Fortaleza/CE, Brazil to celebrate the 100 years of Crystallography and will be the first event on crystallography in the Northeast which will congregate, from all over the world, professionals and students working in all the major areas of knowledge of materials characterization that use X-ray, electrons and neutrons diffraction.

Thematic Areas:

- Characterization of materials (drugs, magnetic materials etc.)
- Crystal structure resolution
- Diffraction theory
- Instrumentation
- Powder metallurgy
- PDF (Pair Distribution Function)
- Free-electron laser
- Synthesis and characterization of nanomaterials
- Diffraction imaging or coherent diffraction
- X-rays, neutrons and electrons diffraction
- Characterization of geological materials, mineralogical, archaeological and paleontological
- Topography
- Rietveld method
- Texture and microstrain
- Diffraction using Synchrotron Radiation
- Growth of organic and inorganic crystals
- Environmental sciences
- Diffraction at high pressures

Autograph session: “Early Days of X-ray Crystallography” book (author: André Authier)

Important Dates:

Deadline for Abstract Submission: September 1st, 2014

Notification of Acceptance: September 15th, 2014

Deadline for Article Submission: October 12th, 2014

Invited Speakers:

André Authier (Université P. et M. Curie, France)

Robert B. von Dreele (Argonne National Laboratory, USA)

Laurence D. Marks (Northwestern University, USA)

Massimo Altarelli (European X-Ray Free-Electron Laser Facility, German)

Yvonne P. Mascarenhas (Institute of Physics São Carlos/USP, Brazil)

Publication:

Accepted abstracts (link: <http://www.sic100.ufc.br/site/index.php/sic/sic100/author/submit>) and articles will be published online free of charge at *Blucher Proceedings* (www.blucherproceedings.com.br). Articles will be peer reviewed by the symposium scientific committee and *ad hoc* reviewers when necessary.

Symposium Language: The conference language is English.

Fees (Registration link: <https://sec.sbfisica.org.br/eventos/extras/sic100/sys/>)

Category	Until September 20 th , 2014	After September 20 th , 2014
Professionals	400 BRL	450 BRL
Graduate Students	300 BRL	350 BRL
Undergraduate Students	100 BRL	150 BRL

Location: Ponta Mar Hotel <http://www.pontamar.com.br/>

We are looking forward to welcoming you at the Symposium in Fortaleza/CE.

Best regarding

Coordination team