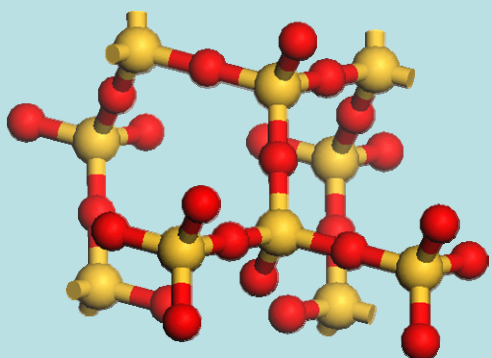


Yichang Three Gorges, Hubei, P.R. China, Sept 16-20, 2012

Background and Scope

The XIII International Conference on the Physics of Non-Crystalline Solids is continued after a series of successful meetings started by Professor V.D. Frechette (USA), back in 1958. Eleven conferences have been organized ever since, with the latest one organized by Professor Edgar Dutra Zanotto of the Federal University of Sao Carlos (Brazil) in 2009. The XIII PNCS will provide an international forum on the most recent developments on the physics of non-crystalline materials following the tradition of the conference.



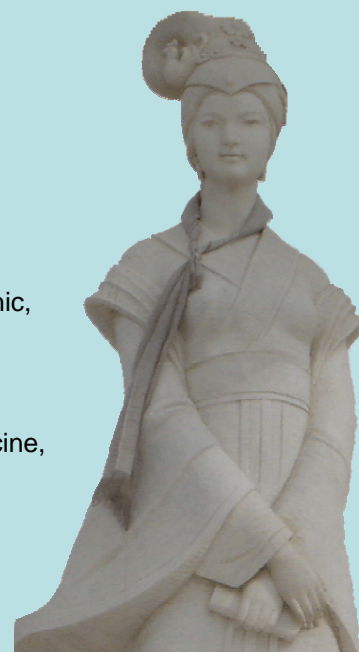
1. Alfred, USA, 1958 (*Prof. V. D. Frechette*)
2. Delft, The Netherlands, 1964 (*Prof. J. A. Prince*)
3. Sheffield, UK, 1970 (*Prof. R. W. Douglas*)
4. Clausthal, Germany, 1976 (*Prof. G. H. Frischat*)
5. Montpellier, France, 1982 (*Prof. J. Zarzycki*)
6. Kyoto, Japan, 1987 (*Prof. S. Sakka*)
7. Cambridge, UK, 1991 (*Prof. D. Pye*)
8. Turku, Finland, 1995 (*Prof. K. Karlsson*)
9. Tuscon, USA, 1999 (*Prof. M. Weinberg*)
10. Parma, Italy, 2003 (*Prof. A. Montenero*)
11. Rhodes, Greece, 2006 (*Prof. G. Kordas*)
12. Foz do Iguacu, PR, Brazil, 2009 (*Prof. E. Zanotto*)

About Yichang:

Located in central China and the northwest part of Hubei Province, Yichang is a city with beautiful natural scenes and rich cultural heritages. It is the gate to the Three Gorges of Yangtze River and connects Hubei with Sichuan province and the Chongqing City. The Chu culture, one branch of traditional Chinese cultures in the Hubei area, dated back to 2800 years ago in the East Zhou Dynasty. Hubei also has strong research and industrial tradition on glass and amorphous materials. For example, the Optical Valley of China is located in Wuhan, the capital city of Hubei. It also has the largest optic fiber manufacturer in the world, the largest silica glass producer and the second optic glass producer in China. The most ancient Chinese glass produced 2400 years ago was found in Hubei.

Topics Covered, but not limited, to the following:

- Amorphous state
- Inorganic (including metallic), organic and hybrid glasses
- Glass transition and relaxation phenomenon
- Rheology and glass problems
- Phase separation, nucleation, crystallization and glass-ceramics
- Glass structure and theoretical or computer modeling
- Glass properties (optical and photonic, thermal, mechanical, electrical and electronic, rheological, chemical properties, etc.)
- Micro or nano-structured non-crystalline materials
- Glass preparation, including sol-gel, CVD and so on.
- Novel glasses and applications in photonics, electronics, energy generation, medicine, dentistry and biotechnology, etc.
- Archaeological glass
- Quasicrystals



Important Deadlines:

Abstract submission: March 15, 2012
Acceptance/rejection notification: May 15, 2012
Early registration (reduced fee): May 31, 2012



XIII INTERNATIONAL CONFERENCE ON THE PHYSICS OF NON-CRYSTALLINE SOLIDS

International Advisory Committee:

Aitken B, Corning, USA
Angell CA, Tempe, USA
Boolchand P, Cincinnati, USA
Brow R, Rolla, USA
Cormack AN, Alfred, USA
Duran A, Madrid, Spain
Eckert H, Munster, Germany
Ediger MD, Madison, USA
Greaves GN, Dyfed, UK
Gupta PK, Ohio, USA
Hand RJ, Sheffield, UK
Hannon AC, Oxon, UK
Heo J, Pohang, Korea
Hirao K, Kyoto, Japan
Hosono H, Tokyo, Japan
Husain M, New Delhi, India
Inoue A, Sendai, Japan
Jain H, Lehigh, USA
Nikonorov NV, St Petersburg, Russia
Ngai KL, Pisa, Italy
Pantano CG, Pennsylvania, USA
Potter BG, Tucson, USA
Richet P, Inst Phys Globe, Paris, France
Ruocco G, Rome, Italy
Schultz L, Dresden, Germany
Sestak J, Plzen, Check Republic
Stebbins JF, Stanford, USA
Tatsumisago M, Osaka, Japan
Weeks ER, Atlanta, USA
Yue YZ, Aalborg, Denmark
Zanotto ED, Sao Carlos, Brazil
Zhang XH, Rennes, France
Zwanziger JW, Halifax, Canada

Organizing Committee:

Zhao XJ (Wuhan Univ Tech)
Jin ZP (Chin Ceram Soc)
Du JC (Univ North Texas, USA)
Gu H (Shanghai Inst Ceram)
Wang WH (Inst Physics)
Xu J (Inst Metal Res)
Hu LL (Shanghai Inst Opt Fine Mech)
Qiu JR (South China Univ Tech)
Han GR (Zhejiang Univ)
Chen GR (East China Univ Sci Tech)
Huang WH (Tongji Univ)
Xu TF (Ningbo Univ)
Xie KF (Wuhan Univ Tech)
Liu QM (Wuhan Univ Tech)
Li YZ (Wuhan Univ Tech)
Han JJ (Wuhan Univ Tech)
Zhao QN (Wuhan Univ Tech)
Tao HZ (Wuhan Univ Tech)
Li H (Wuhan Univ Tech)
Liu C (Wuhan Univ Tech)

Conference Chair: *Xiujian Zhao*

State Key Laboratory of Silicate Materials for Architectures,
Wuhan University of Technology
122 Luoshi-road, Hongshan, Wuhan 430070, P.R. China
Tel: +86-27-87652553 (office), Fax: +86-27-87669729
e-mail: opluse@whut.edu.cn or opluse@live.whut.edu.cn

Conference Office e-mail: xiiipncs@gmail.com

Conference Secretariat: *Qiming Liu*

State Key Laboratory of Silicate Materials for Architectures,
Wuhan University of Technology
e-mail: qmliu@whut.edu.cn



Updated Information and on-line registration: <http://www.XIII-PNCS.com>

Look forward to meeting you in Yichang, Sept. 2012!



武汉理工大学
WUHAN UNIVERSITY OF TECHNOLOGY

