



Workshop on Mesoscopic and Nanometric Materials

Honoring Professor Zhong Lin Wang

Center for Nanoscience and Nanotechnology
School of Materials Science and Engineering
Georgia Institute of Technology

“New Advance in Nanomaterials and Nanotechnology Research”

12 October 2005

**Amphithéâtre CHOUAR
Université P. et M. Curie
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October 12, 2005

Chair. Pr. M.P. Pileni

13H00 Welcome to Pr Z.L. Wang by Pr. M.P. Pileni

13H05-14H00 **Zhong Lin Wang** , Georgia Tech , Atlanta , USA

"Novel Nanostructures of Functional Oxides: From Semiconducting to piezoelectric applications."

14H15-14h55 **Christian Colliex** LPS (CNRS/Orsay)

«Probing electron states in nanostructures with spatially-resolved EELS »

15H00-15H40 **Alexa Courty**, LM2N, (UPMC/CNRS)

"Intrinsic vibrational coherence in FCC supra-crystals of silver nanocrystals"

15h45 -16h15 Cofee Break

Chair Pr. Z.L. Wang

16h15-16H55 **Marie-Madeleine Giraud Guillé** LCMC (CNRS/UPMC)

«Self assembly of biological polymer and tissue ingenery»

17h00-17h40 **Patrick Davidson** LPS (CNRS/Orsay)

"Interplay between gelation and liquid-crystalline order in suspensions of plate-like nanoparticles"

17h45-18h25 **Dinah Parker** LM2N, (UPMC/CNRS)

« Experimental investigation of superspin glass dynamics »

18h30 Concluding Remarks