

Workshop Texture & anisotropy May 31st and June 1st 2012, Caen

May 31st: From 8.00 Registration desk is open at CNRT – ENSICAEN, ground floor

09.00 – 09.10 Welcome, general information (Conference room 2nd floor CNRT)

Session 1: chairman Paul van Houtte

09.10 – 09.40 Luca Lutterotti: Novelties in Combined Analysis within MAUD

09.40 – 10.00 Leo A.I. Kestens, Roumen Petrov: Texture control in metal sheet processing by innovative processing

10.00 – 10.20 V. Chailloux, H. Réglé, I. Drouelle, D. Solas, F. Brisset, F. Bonnet, T. Baudin: Texture and microstructure evolution in torsion at high temperature on metal matrix composite

10.20 – 10.50 Coffee break

Session 2: chairman Werner Skrotzki

10.50 – 11.10 Paul Van Houtte, L. Qin, M. Seefeldt: The use of Statistical Methods in the study of Texture Gradients

11.10 – 11.30 L. Qin, M. Seefeldt, T. A. Bennett, R. H. Petrov, P. Van Houtte: Meso-mechanical Modelling on Ridging or Roping of Aluminium Alloys

11.30 – 11.50 Aline Dellicour, Luca Lutterotti, Bénédicte Vertruyen, Mark Rikel, Daniel Chateigner: Combined analysis method: from sample to texture

11.50 – 12.10 H. Azzeddine, T. Baudin, A.L. Helbert, M. H. Mathon, M. Kawasaki, **Djamel Bradai,** T. G. Langdon: Experimental and modelling texture evolution during ECAP of a Cu-Ni-Si alloy

12.30 – 14.00 Lunch

Session 3: chairman Claude Esling

14.00 – 14.20 Werner Skrotzki, A. Eschke, C.-G. Oertel, J. Scharnweber, T. Marr, I. Okulev, J.-J. Freudenberger, J. Romberg, U. Kühn, L. Schultz, J. Eckert: Texture Development in Ti/Al composites Produced by accumulative swaging and bundling

14.20 – 14.40 Francis Wagner, A. Ayad, N. Rouag and A.D. Rollett: An accelerated Potts model for grain growth - Application to IF steels

14.40 – 15.00 Boussois K., Tessier-Doyen N., Blanchart P.: Anisotropic kinetic of the kaolinite to mullite reaction sequence in multilayer ceramics

15.00 – 15.20 Romain Que, Julian H. Driver, Paul R. Dawson: In-grain orientation spread evolution in polycrystalline aluminium submitted to large strains

15.30 – 16.00 Coffee break

Session 4: chairman Heinz-Günter Brokmeier

16.00 – 16.20 Yudong Zhang, Claude Esling, Zongbin Li, Xiang Zhao, Liang Zuo: New insights into the crystal structure model of modulated martensite according to “adaptive phase theory”

- 16.20 – 16.40** **Sijia Mu**, John J. Jonas, Günter Gottstein: Variant selection of primary, secondary and tertiary twins in a deformed Mg alloy
- 16.40 – 17.00** **W. Wang**, I. Drouelle, F. Brisset, M.H. Mathon, T. Auger, T. Baudin: Recrystallization study of two cold rolled Ni-Cr-W alloys
- 17.00 – 17.20** **B. Nabi**, A.L. Helbert, T. Baudin, T. Waeckerlé, F. Brisset: Microstructure and texture of a recrystallized ordered Fe-Co-2V alloy

20:00: Dinner at St Andrews restaurant, downtown Caen

June 1st: 1st floor, IUT-Caen, dept Mesures Physiques

- 09.00 – 10.20** **Maud session**
- 10.20 – 10.50 Coffee break
- 10.50 – 12.00** **Maud session**
- 12.00 – 12.20 General discussion and conclusion
- 12.30 Lunch and departure

Presentations are planned for (15 + 5) minutes, posters will be located in the main CNRT hall, during coffee breaks.