



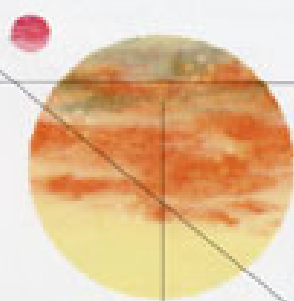
**The 3rd International Conference on (Program)
Nanomaterials by Severe Plastic Deformation**

September / 22-26 / 2005

NanoSPD

**Fukuoka Soft Research Park (SRP),
Fukuoka, Japan**

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NanoSPD3 Oral

1 st day Sept. 22 (Thur.)

Session 1 (8:30-10:00) Chairperson: Nobuhiro Tsuji (Japan)

Keynote

Invited

General Contribution

Time	Ms#	Title	Author(s)	Country	Time
8:30-8:55	81	Some New Trends in SPD Processing for Fabrication of Bulk Nanostructured Materials	<u>R.Z. Valiev</u>	Russia	25
8:55-9:15	65	Nanocrystalline structure in steels produced by various severe plastic deformation processes	<u>M. Umemoto, Y.Todaka, J.Li and K.Tsuchiya</u>	Japan	20
9:15-9:30	124	Developing a Model for Grain Refinement in Equal-Channel Angular Pressing	Cheng Xu, Minoru Furukawa, Zenji Horita, <u>Terence G. Langdon</u>	USA	15
9:30-9:45	184	Effect of Initial Grain Size, Die Angle and Pass Sequence on the Formation of Ultrafine Grain Structure in Cu by ECAP	A. Mishra, V. Richard, F. Gebril, B. Kad, R. J. Asaro, <u>M. A. Meyers</u>	USA	15
9:45-10:00	98	Local Investigations of the mechanical properties of ultrafine grained metals by nanoindentations	J. Mueller, K. Dursl, D. Amberger, <u>Mathias Goken</u>	Germany	15
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Session 2 (10:20-11:50) Chairperson: Terence G. Langdon (U.S.A)

Time	Ms#	Title	Author(s)	Country	Time
10:20-10:45	148	Nature of Deformation Behavior in Ultrafine Grained Metallic Materials	<u>Nobuhiro Tsuji</u>	Japan	25
10:45-11:05	107	THE POSITIVE ROLE OF BACK-PRESSURE IN EQUAL CHANNEL ANGULAR EXTRUSION	<u>R. Ye, Lapovok</u>	Australia	20
11:05-11:20	110	Aluminium Alloys subjected to SPD - An Evaluation of Achieved Mechanical Properties	<u>Hans J. Rosen, Hakon A. Nesboe, Hakon E. Sandberg, Jens C. Werenkiold</u>	Norway	15
11:20-11:35	52	Elaboration by Severe Plastic Deformation, Microstructural and Mechanical Study of Cu/X (X =Ta or Nb) Nanofilamentary Wires for Use in High Field Magnet	<u>Y. Vidal, L. Thilly, F. Lecouturier</u>	France	15
11:35-11:50	135	On the microstructure of HPT processed Cu under variation of deformation parameters	<u>E. Schaller, A. Dubravina, B. Mingler, H.P. Karnthaler, M. Zehetbauer</u>	Austria	15
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