**2002-2003**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Type** | **Area** | **Project** | **Research Associate** | **Institution** |
| **Full Project** | Characterization | Contact/Impact Charging of a Single Particle | H. Yamamoto | Soka University |
| On-line Characterisation of Particulate Suspensions Using a Multi-sensor Approach | R. Williams | University of Leeds |
| Size Reduction | Mechanochemical Reactions | F. Saito | Tohoku University |
| The Influence of Interparticle Interactions on Rheology and Stability in Stirred Media Mills | W. Peukert | University of Erlangen-Nuremberg |
| Study on Small Grinding Media for Sub-Micron Particle Production in Stirred Media Mills | J. Schwedes | TU Braunschweig |
| Formation | Quantitative Analysis of Structural Transformation in Extrusion Processing | E. Windhab | ETH Zurich |
| Measurement and Evaluation of Dynamic Kinetics for Dispersion Or Consolidation of Powder Agglomerates | D. Feke | Case Western |
| Fundamental Aspects of Solvent Effects in Crystallisation Processes | R. Davey | University of Manchester |
| Control of Droplet Characteristics in Liquid Atomization with Suspended Particles | K. Bauckhage | University of Bremen |
| Quantitative Analysis of Powder-Binder Agglomeration | J. Litster | University of Queensland |
| Drying and Degradation Kinetics of Heat Sensitive Products in Spray Drying | C. Strumillo | University of Lodz |
| Dry Systems | Prediction of Optimal Operating Conditions for Dense-Phase Pneumatic Conveying Systems | P. Wypych | Wollongong University |
| Wet Systems | Dense Suspension Rheology | J. Brady | Caltech |
| A Study of the Influence of Interparticle Interactions and Hydrodynamic Forces on the Rheology and Shear Stability of Concentrated Colloidal Dispersions and Slurries. | N. Wagner | University of Delaware |
|  | Rheology and Structure of Suspensions in Non-Newtonian Media | J. Vermant | KU Leuven |
| **Reviews** | Characterization | The Shape of Powder Particles and its Influence on Powder Handling | F. Podczeck | University of London |
| Powder Flow | Flow Aids in Powder Processing | N. Harnby | University of Bradford |
| Characterization | Measuring Particle Size at High Concentration | B. Scarlett | TU Delft |
| Characterization | Review Concerning the Regional Research and Industrial Activities in Processes Involving Particulate Systems | J. Sorrentino | University of Central Venezuela |
|  | Characterization | Surface Chemistry at Inorganic Solid/Liquid Interfaces Containing High Electrolyte Concentrations | J. Rosenholm | Abo Akademi University |
|  | Characterization | Recent Advances in Non-invasive Techniques for Particle Characterization | B. Smith | University of Florida |
|  | Characterization | Characterization of Surface Free Energies and Surface Chemistry of Solids and Surface Chemistry of Solids | F. Etzler | Boehringer-Ingelheim |
|  | Particle Formation | Supercritical Fluid Processing for Particle Formation | J. Fages | Albi |
|  | Wet Systems | A Review of the IFPRI Suspension Rheology Programme 1980-2003 | H. Barnes | University of Wales |