**1998-1999**

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| **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 |
| In-situ Characterization of the Microstructure of Particle Surfaces and their Interaction Forces by Atomic Force Microscope | K. Higashitani | Kyoto University |
| Size Reduction | Mechanochemical Reactions | F. Saito | Tohoku University |
| Parameters of Controlled Grinding | K. Leschonski | Clausthal University |
| Formation | Measurement and Evaluation of Dynamic Kinetics for Dispersion Or Consolidation of Powder Agglomerates | D. Feke | Case Western |
| Monitoring and Control of Crystal Shape in Crystallization Processes | J. Rawlings | University of Wisconsin |
| 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 |
| An Integrated Study of Extrusion Behavior of Dense Suspensions | D. Kalyon | Stevens Institute of Technology |
| Formation of Inorganic Particles from Solution | T. Sugimoto | Tohoku University |
| The Relation of Powder, Granule and Additives on the Compaction Behaviour in the Low-mid Pressure Range. | A. Cuitino | Rutgers University |
| Dry Systems | Nanorheology and Fine Powder Flow | S. Granick | University of Illinois |
| Prediction of Optimal Operating Conditions for Dense-Phase Pneumatic Conveying Systems | P. Wypych | Wollongong University |
| Interparticle Forces in Powder Flow | H. Pollock | University of Lancaster University |
| Rapid Shear Flow of Granular Materials | R. Jackson | Princeton University |
| Powder Mixing and Segregation | F. Muzzio | University of Rutgers |
| Studies of the Fundamental Interactions Between a Gas and Agitated Particles | M. Louge | Cornell University |
| Discrete Particle Simulation of Riser Flow | Y. Tsuji | Osaka |
| Wet Systems | 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 |
| Dense Suspension Rheology | J. Brady | Caltech |
| **Reviews** | Wet Systems | Suspension, Paste and Powder flow - Prospects of a unified approach. | J. Melrose | Cambridge University |
| Characterization | Characterisation of Porous Particle Systems | K. Kendall | Keele Univesity |
| Size Reduction | Review on Testers for Measuring Flow Properties of Bulk Solids | J. Schwedes | TU Braunschweig |