

**Tuesday, July 15, 2008**  
**WHEN (SMALL) WORLDS COLLIDE**  
**4:00 p.m. Harborside E**

**Chairs: Adriano Campo Bagatin**  
**Derek Richardson**

- 4:00 p.m. Michel P. Jutzi M. Richardson D. C. Benz W.  
[\*Catastrophic Disruption of Asteroids: Latest Simulations Including Porosity Effects, Explicit Formation of Spinning Aggregates and Their Implications\*](#) [#8072]
- 4:20 p.m. Jutzi M. Benz W. Michel P.  
[\*Simulations of High-Velocity Impacts on Porous Targets: A Successful Confrontation with Laboratory Experiments\*](#) [#8133]
- 4:35 p.m. Fujii Y. Nakamura A. M.  
[\*Compaction of Small Porous Bodies at Low Velocity Impact\*](#) [#8184]
- 4:50 p.m. Asphaug E.  
[\*Critical Crater Diameter of Minor Bodies\*](#) [#8004]
- 5:05 p.m. Kimberly J. Ramesh K. T. Barnouin-Jha O. S. Ernst C. M. Swaminathan P. K.  
[\*Advances in Experimental Fracture Mechanics: Applications to Fragmentation and Cratering\*](#) [#8296]
- 5:20 p.m. Setoh M. Yamashita Y. Nakamura A. M. Michel P.  
[\*Impact Experiments of Rubble Pile\*](#) [#8039]
- 5:35 p.m. Okamoto C. Arakawa M.  
[\*Experimental Study on Collisional Disruption of Gypsum Sphere: Implication for Formation of Rubble Pile Bodies\*](#) [#8249]
- 5:50 p.m. Campo Bagatin A. Davo M. J. Richardson D. C.  
[\*Collisions on Gravitational Aggregates: Dependence on Size and Texture\*](#) [#8192]
- 6:05 p.m. O'Brien D. P. Morbidelli A.  
[\*The Collisional Evolution of Trojan Asteroids — A Possible Origin of the L4–L5 Asymmetry\*](#) [#8367]
- 6:20 p.m. Leliwa-Kopystynski J. Burchell M. J. Włodarczyk I.  
[\*Impact Origin of Asteroid Families\*](#) [#8050]