

**Parallel Session 4****Monday, July 2, 08:00AM-10:00AM**

Special Session <b>64</b>	<b>Analysis of PDEs and Particle Systems: From Life Sciences, Economics and Materials Science</b> Organizer(s): Toyohiko Aiki, Nobuyuki Kenmochi, Adrian Muntean	Location <b>POI-D</b>
9:00-9:30	Takeshi T Fukao (Kyoto University of Education, Japan) Abstract theory of the variational inequality and the Lagrange multiplier	Abstracts p. 251
9:30-10:00	Toyohiko Aiki (Japan Women's university, Japan) One-dimensional concrete carbonation problem with nonlinear Henry's law	Abstracts p. 250