

Parallel Session 10 Wednesday, July 4, 08:00AM-10:00AM

| Special Session 41 | New Developments in Qualitative Behavior of Evolutionary PDEs Organizer(s): Ryo Ikehata, Grozdana Todorova | Location PAL-CC |
|------------------------------|--|---------------------------|
| 8:00-8:30 | Marcello D'Abbico (University of Bari, Italy) Global existence and sharp decay estimates for the semilinear wave equation with time-dependent damping | Abstracts p. 173 |
| 8:30-9:00 | Claudio A Fernandez (P. Universidad Catolica de Chile, Chile) Regularity of solutions for a third order differential equation | Abstracts p. 173 |
| 9:00-9:30 | Hiroshi Takeda (Fukuoka Institute of Technology, Japan) Higher order expansion of solutions to damped wave equations | Abstracts p. 176 |
| 9:30-10:00 | Ahmad Z Fino (Lebanese University & Lebanese International University, Lebanon) Finite time blow-up for damped wave equations with nonlinear memory and space-dependent potential | Abstracts p. 174 |