Parallel Session 14   Thursday, July 5, 13:30PM-15:30PM

Special Session **57**	**Nonlinear and Dispersive Partial Differential Equations** Organizer(s): Netra Khanal, Juan-Ming Yuan	Location **MAG-B**
13:30-14:00	Natanael Karjanto (Sungkyunkwan University, Korea) Exploiting bifurcations in waveguide arrays for light detectors	Abstracts p. 232
14:00-14:30	Dipendra Regmi (Oklahoma State University, USA) Global regularity results for the 2D MHD equations with horizontal dissipation and horizontal magnetic diffusion	Abstracts p. 233
14:30-15:00	Hongqiu Chen (University of Memphis, USA) Long-wave limit of periodic solutions of nonlinear wave equations	Abstracts p. 232
15:00-15:30	Juan-Ming Yuan (Providence Univ., Taiwan) Fifth-order complex Korteweg-de Vries type equations	Abstracts p. 234