### Parallel Session 15  Thursday, July 5, 16:00PM-18:30PM

| Special Session 68 | **Analysis and Simulations of Nonlinear Systems**  
**Organizer(s): Wei Feng, Zhaosheng Feng** | Location MAG-A |
|-------------------|-------------------------------------------------|----------------|
| 16:00-16:30       | Nicoleta Tarfulea (Purdue University Calumet, USA)  
A Mathematical Model with Time-varying Antiretroviral Therapy for the Treatment of HIV | Abstracts p. 262 |
| 16:30-17:00       | Shuya Kanagawa (Tokyo City University, Japan)  
The Nonlinear Schrödinger Equation Created by the Vibrations of an Elastic Plate and its Dimensional Expansion | Abstracts p. 262 |
| 17:00-17:30       | Zhuosheng Lu (Beijing University of Posts and Telecommunications, Peoples Rep of China)  
Analytical solutions for the BoitiLeonPempinelli equation | Abstracts p. 262 |
| 17:30-18:00       | Zhaosheng Feng (University of Texas-Pan American, USA)  
First Integral of Duffing-van der Pol Oscillator System | Abstracts p. 260 |