

Introduction to the Recipient of the 3rd Chen Han-Fu Award

Prof. **Daizhan Cheng**



- PhD degree from Washington University at St. Louis, 1985
- Professor with Academy of Mathematics and Systems Science, Chinese Academy of Sciences
- Distinguished Professor with Shandong University

Main Achievements

- **Geometric Nonlinear Control Theory: Feedback Linearization, Observability of Systems on Lie Group etc.**
- **Generalized Hamiltonian Systems via Pseudo-Poisson Manifold**
- **The Theory of Logical Control Systems Using Semi-Tensor Product**

Awards

- **IEEE Fellow (2006)**
- **IFAC Fellow (2008)**
- **Second National Natural Science Award (2008, 2014)**
- **Best theory/methodology paper, Automatica (2008-2010)**
- **Outstanding Science and Technology Achievement (individual)
Gold-medalist by Chinese Academy of Sciences (2015)**

Service

- **IFAC Council Member (2011-2014)**
- **Member of Board of Governors, IEEE Control Systems Society (2009, 2015)**
- **Chairman of TCCT, Chinese Association of Automation (2003-2009)**
- **Editor-in-Chief of J. Control Theory Appl. (2008-2013)**
- **Chairman of IEEE Control Systems Society Beijing Chapter (2006-2008)**