

CNES Seminar Records 2014								
Serial no.	Speaker	Affiliation	Country	Title	Date	Time	Venue	Comments
CNES 001	Prof. Qifeng Cheng	University of Pretoria	South Africa	Tube based Model Predictive Control for Systems with Uncertainties	2014/02/07	14:00-14:45	CNES Boardroom, Eng. I, Hatfield Campus	Discussion
CNES 002	Mr. Xianming Ye	University of Pretoria	South Africa	Optimal lighting project maintenance planning by a control system approach	2014/02/14	14:00-14:30	CNES Boardroom, Eng. I, Hatfield Campus	Discussion
CNES 003	Mr. Bo Wang	University of Pretoria	South Africa	A Control System Approach to Corrective Maintenance Planning of Building Retrofitted Facilities	2014/02/14	14:30-15:00	CNES Boardroom, Eng. I, Hatfield Campus	Discussion
CNES 004	Ms. Ditiro Sethaalo	University of Pretoria	South Africa	Optimal scheduling of household appliances incorporating appliance coordination	2014/05/08	14:00-14:20	CNES Boardroom, Eng. I, Hatfield Campus	ICAE 2014
CNES 005	Mr. Sam Sichilalu	University of Pretoria	South Africa	Optimal scheduling strategy for a grid-connected photovoltaic system for heat pump water heaters	2014/05/08	14:20-14:40	CNES Boardroom, Eng. I, Hatfield Campus	ICAE 2014
CNES 006	Mr. Nan Wang	University of Pretoria	South Africa	INDOOR HUMAN THERMAL COMFORT OPTIMAL CONTROL WITH DESICCANT WHEEL COOLING SYSTEM	2014/05/08	14:50-15:10	CNES Boardroom, Eng. I, Hatfield Campus	ICAE 2014
CNES 007	Mr. B.P. Numbi	University of Pretoria	South Africa	Optimal energy control modelling of a vertical shaft impact crushing process	2014/05/08	15:10-15:30	CNES Boardroom, Eng. I, Hatfield Campus	ICAE 2014
CNES 008	Mr. Xianming Ye	University of Pretoria	South Africa	Optimal Sampling and Maintenance Plans for the Lighting Retrofit Projects towards Sustainable Energy Savings	2014/05/09	9:00-9:20	CNES Boardroom, Eng. I, Hatfield Campus	ICAE 2014
CNES 009	Ms. Henerica Tazvinga	University of Pretoria	South Africa	Optimal energy management strategy for distributed energy resources	2014/05/09	9:20-9:40	CNES Boardroom, Eng. I, Hatfield Campus	ICAE 2014
CNES 010	Mr. Lijun Zhang	University of Pretoria	South Africa	An Optimization Model for Reducing Energy Usage of Coal Washing Plants	2014/05/09	9:40-10:00	CNES Boardroom, Eng. I, Hatfield Campus	ICAE 2014
CNES 011	Ms. Ditiro Sethaalo	University of Pretoria	South Africa	Optimal appliance scheduling for household energy management	2014/05/16	14:00-14:20	CNES Boardroom, Eng. I, Hatfield Campus	IGEC 2014
CNES 012	Mr. Sam Sichilalu	University of Pretoria	South Africa	Optimal energy scheduling of grid connected PV-diesel hybrid system to power heat pump water heater	2014/05/16	14:20-14:40	CNES Boardroom, Eng. I, Hatfield Campus	IGEC 2014
CNES 013	Mr. Nan Wang	University of Pretoria	South Africa	Indoor human thermal comfort optimal control with solar air heater driven desiccant wheel cooling system	2014/05/16	14:50-15:10	CNES Boardroom, Eng. I, Hatfield Campus	IGEC 2014
CNES 014	Mr. B.P. Numbi	University of Pretoria	South Africa	A model predictive control approach for operation efficiency in a vertical shaft impact crushing process	2014/05/16	15:10-15:30	CNES Boardroom, Eng. I, Hatfield Campus	IGEC 2014
CNES 015	Prof. Qifeng Cheng	University of Pretoria	South Africa	Stochastic MPC for Systems with both Multiplicative and Additive Disturbances	2014/08/15	13:30-13:50	CNES Boardroom, Eng. I, Hatfield Campus	IFAC 2014
CNES 016	Dr. Bing Zhu	University of Pretoria	South Africa	Model Predictive Control for Energy Dispatch of a Photovoltaic-Diesel-Battery Hybrid Power System	2014/08/15	13:50-14:10	CNES Boardroom, Eng. I, Hatfield Campus	IFAC 2014
CNES 017	Dr. Zhou Wu	University of Pretoria	South Africa	Energy Efficiency of Overhead Cranes	2014/08/15	14:10-14:30	CNES Boardroom, Eng. I, Hatfield Campus	IFAC 2014
CNES 018	Mr. Bo Wang	University of Pretoria	South Africa	A Control System Approach to Optimal Maintenance Planning for Building Retrofitting Project (For MPMM 2014)	2014/08/15	14:40-15:00	CNES Boardroom, Eng. I, Hatfield Campus	IFAC 2014
CNES 019	Mr. Xianming Ye	University of Pretoria	South Africa	Optimal maintenance planning for sustainable energy efficiency lighting retrofit projects by a control system approach	2014/08/15	15:00-15:20	CNES Boardroom, Eng. I, Hatfield Campus	IFAC 2014
CNES 020	Mr. Bo Wang	University of Pretoria	South Africa	A Model Predictive Control for Coal Beneficiation Dense Medium Cyclones	2014/08/15	15:20-15:40	CNES Boardroom, Eng. I, Hatfield Campus	IFAC 2014
CNES 021	Mr. Jun Mei	University of Pretoria	South Africa	Continuous observer design for nonlinear systems with sampled and delayed output measurement	2014/08/19	15:00-15:30	CNES Boardroom, Eng. I, Hatfield Campus	IFAC 2014
CNES 022	Prof. Zhongping Jiang	New York University	USA	Quantized Nonlinear Control	2014/08/22	10:30-11:30	Room 1-72, Graduate Centre, University of Pretoria, Hatfield Campus, Pretoria	Invited
CNES 023	Mr. Evan Murimi Wanjiru	University of Pretoria	South Africa	Optimization of Ultrasonic Waves in an Acrylic Pipe Powder Transport System	2014/09/19	14:00-14:30	CNES Boardroom, Eng. I, Hatfield Campus	Discussion
CNES 024	Mr. Jun Mei	University of Pretoria	South Africa	Finite-time synchronization control of complex dynamical networks with time delay	2014/10/10	14:00-14:30	CNES Boardroom, Eng. I, Hatfield Campus	Discussion
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Serial no.	Speaker	Affiliation	Country	Title	Date	Time	Venue	Comments
CNES 025	Prof. Xiaohua Xia	University of Pretoria	South Africa	Energy efficiency and demand side management: do they still come to the rescue?	2015/03/04	17:00-19:30	Senate Hall	Expert Lecture
CNES 026	Mr. Mothusi Paul	Alphabet Energy	USA	Thermoelectrics and the new world of energy recovery	2015/03/23	15:00-17:00	CEFIM	Invited
CNES 027	Mr. Jun Mei	University of Pretoria	South Africa	Model predictive control for optimizing indoor air temperature and humidity in a direct expansion	2015/05/15	14:00-14:30	CNES Boardroom, Eng. I, Hatfield Campus	CCDC 2015
CNES 028	Dr. Zhou Wu	University of Pretoria	South Africa	Leap on Large-scale Nonseparable Problems	2015/05/15	14:30-15:00	CNES Boardroom, Eng. I, Hatfield Campus	Invited
CNES 029	Dr. Bing Zhu	University of Pretoria	South Africa	Nonlinear Trajectory Tracking Control for Heavy-Haul Trains	2015/05/22	14:30-15:00	CNES Boardroom, Eng. I, Hatfield Campus	Rehearsal
CNES 030	Dr. Oliver Dzobo	University of Pretoria	South Africa	POWER SYSTEM NETWORK OPTIMISATION: SMART GRID AND ENERGY EFFICIENCY	2015/05/22	14:00-14:30	CNES Boardroom, Eng. I, Hatfield Campus	Invited
CNES 031	Mr. Lijun Zhang	University of Pretoria	South Africa	A CNES activity report	2015/05/26	14:30-15:00	CNES Boardroom, Eng. I, Hatfield Campus	Invited
CNES 032	Dr. Zhou Wu	University of Pretoria	South Africa	Energy efficient planning of cranes and renewable hybrid systems	2015/05/26	14:30-15:01	CNES Boardroom, Eng. I, Hatfield Campus	Invited
CNES 033	Dr. Bing Zhu	University of Pretoria	South Africa	Adaptive model predictive control and its application to energy optimization of hybrid power system	2015/05/26	14:30-15:02	CNES Boardroom, Eng. I, Hatfield Campus	Invited