

StocMod12 Program

Wednesday May 30 th		
8:30 - 9:30	Welcome reception - Coffee break	
9:30 - 10:00	Conference opening - Amphi 1	
10:00 - 11:00	<p style="text-align: center;">Plenary talk - Amphi 1 François Bacelli, <i>INRIA-ENS</i> Stochastic Geometry and Wireless Network Modeling</p>	
11:00 - 12:30	<p style="text-align: center;">Session W1 - Amphi 1</p> 1. Wim Van Ackooij and Michel Minoux <i>Robust Models for Hydro Reservoir Management in Unit Commitment problems</i> 2. Shuangqing Liao, Christian van Delft and Jean-Philippe Vial <i>Distributionally robust workforce scheduling in call centers</i> 3. Kimmo Nurmi, Nico Kyngäs and Juho Salli <i>A workload prediction, staffing and shift generation method for contact centers</i>	<p style="text-align: center;">Session W2 - Amphi 7</p> 1. Bernard Lamond <i>Dynamic models and control policies for stochastic control of a machine tool</i> 2. Burak Buke and Hanyi Chen <i>Stabilizing Policies for Matching Portals</i> 3. Fikri Karaesmen and Can Öz <i>A Robust Decision Making Approach to the Optimal Stopping Problem</i> 4. Dimitrios Pandelis <i>Optimal control of a flexible server in two-stage tandem queueing systems</i>
	12:30 - 14:00	Lunch
14:00 - 15:30	<p style="text-align: center;">Session W3 - Amphi 1</p> 1. Alex Roubos, Rene Bekker and Sandjai Bhulai <i>Service level distribution of single- and multi-server queues</i> 2. Pedram Sahba, Baris Balcioglu and Dragan Banjevic <i>Analysis of the Finite-source Multi-class Priority Queue with an Unreliable Server and Setup Time</i> 3. Maartje van de Vrugt, Nelly Litvak and Richard J. Boucherie <i>Advance resource reservation in Erlang Loss queues</i> 4. Fazia Rahmoune-Aoudia and Djamil Aissani <i>A Taylor Series Approach to the Numerical Analysis of the M/G/1//N Queue with Multiple Vacation of the Server</i>	<p style="text-align: center;">Session W4 - Amphi 7</p> 1. Laurens Smit and Michael Katehakis <i>On Computing Optimal (Q,r) Replenishment Policies under Quantity Discounts</i> 2. Samuel Vercaene, Jean-Philippe Gayon and Simme Douwe Flapper <i>Coordination of manufacturing, remanufacturing and returns acceptance in a hybrid production-inventory system</i> 3. Sachin Jayaswal, Elizabeth Jewkes and Saibal Ray <i>Product Differentiation and Operations Strategy in a Capacitated Environment</i> 4. Alejandro Lamas and Philippe Chevalier <i>Horizontal collaboration without transfer payments : defining operational rules to hedge uncertainty</i>
	15:30 - 16:00	Coffee break
16:00 - 17:30	<p style="text-align: center;">Session W5 - Amphi 1</p> 1. E. Lerzan Ormeci, Hessam Bavafa and Savin Sergei <i>Optimal Mix of Surgical Procedures Under Stochastic Patient Length of Stay</i> 2. Xiaolan Xie and Na Geng <i>Contract and Advance Cancellation of MRI Time Slots for Stroke Patients</i> 3. Yiannis Dimitrakopoulos and Lerzan Ormeci <i>Equilibrium behavior of patients served by a dual practice physician</i> 4. Burhaneddin Sandikci, Lisa Maillart, Andrew Schaefer and Mark Roberts <i>Modeling the transplant waiting list for liver acceptance decisions</i>	<p style="text-align: center;">Session W6 - Amphi 7</p> 1. Stella Kapodistria, Ivo Adan and Johan van Leeuwen <i>Erlang arrivals joining the shortest queue</i> 2. Berdjoudj Louiza and Aissani Djamil <i>Analysis of GI/M/1 retrial queue with negative arrivals</i> 3. Herman Blok, Flora Spieksma and Sandjai Bhulai <i>K competing queues with customer impatience: optimality of the mu-c rule by the Smoothed Rate Truncation principle</i> 4. Nawel Arrar, Natalia Djellab and Jean-Bernard Baillon <i>Description of the orbiting customers for the retrial queue with impatient batches</i>

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18:00	Gala Dinner (departure from the main entrance of Ecole Centrale Paris)				

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	<p>10:00-10:30</p> <p style="text-align: center;">Coffee break</p>
	<p style="text-align: center;">Session F1 - Amphi 1</p> <p>1. Chu-Ti Lin, Yan-Fu Li and Cheng-Ding Chen <i>A Rate-Based Queueing Simulation Model of Open Source Software Debugging Activities</i></p> <p>2. Rodrigo Mena, Enrico Zio, Pablo Viveros, Fredy Kristjanpoller and Adolfo Arata <i>Stochastic Modeling and Simulation of an Open-Pit Mine Truck-Shovel System</i></p> <p>3. Philippe Chevalier and Wen Li Peng <i>Simulating the impact of order smoothing on the performance of a supply chain with volatile demand and restrictive capacity</i></p> <p>4. Sophie Weiss and Raik Stolletz <i>Buffer allocation in stochastic flow lines using sampling approaches</i></p> <p>5. Roberto Szechtman and Enver Yucesan <i>A New Perspective on Feasibility Determination</i></p>
	<p>12:30 - 14:00</p> <p style="text-align: center;">Lunch</p>
	<p style="text-align: center;">Session F2 - Amphi 1</p> <p>1. Pelin Canbolat <i>Markov population decision chains with constant risk posture</i></p> <p>2. Alex Roubos, Sandjai Bhulai and Ger Koole <i>Flexible staffing for call centers with non-stationary arrival rates</i></p> <p>3. Alexandre Salch, Jean-Philippe Gayon and Pierre Lemaire <i>Dynamic control of a multi class G/M/1+M queue with abandonments</i></p> <p>4. Erim Kardes <i>On Markov Decision Processes with Chance Constraints</i></p>
	<p>15:30</p> <p style="text-align: center;">End of conference</p>