

## DETAILED SCIENTIFIC PROGRAM

**Plenary session I - Thursday January 28, 09:10-10:10**Eva K. Lee, *Optimizing and Transforming the Healthcare System***Parallel sessions TA - Thursday January 28, 10:30-12:10****Session *Optimization 1* (TA1)**

- ◇ Surrogate Management in Mixed-Variable Derivative-Free Optimization  
by Anne-Sophie Crélot, C. Beauthier, D. Orban, C. Sainvitu, A. Sartenar 1
- ◇ A "What-If Analysis" Visual Tool to Compare Optimization Approaches  
by Sascha Van Cauwelaert, Pierre Schaus, Michele Lombardi . . . . . 3
- ◇ Towards the Complexity of Differentiation Through Lazy Updates in Local  
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- ◇ Mining sequential data using constraint programming  
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**Session *Healthcare and Bioinformatics* (TA2) – COMEX**

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- ◇ An Integer Programming formulation for the Polymorphic Alu Insertion  
Recognition Problem  
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- ◇ Surgical case scheduling under generalized resource constraints  
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- ◇ A Branch-Price-and-Cut Algorithm for the Minimum Evolution Problem  
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**Session *Scheduling and Timetabling 1* (TA3) – COMEX**

- ◇ Conference scheduling - a personalized approach  
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- ◇ No-wait scheduling for locks with parallel chambers  
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- ◇ Stepping horizon models for personnel rostering in integer programming  
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- ◇ A literature review on the open vehicle routing problem  
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- ◇ Experimental Analysis of Metaheuristic Algorithms for the VRPTW  
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2016 ORBEL and Wolsey awards ceremony

**Parallel sessions TB - Thursday January 28, 14:35-16:15****Session *Optimization 2* (TB1)**

- ◇ Exact worst-case performance of first-order methods in convex optimization  
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Yurii Nesterov,

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Laurence Wolsey

*MIP Reformulations: From Lot-Sizing to Inventory Routing*