

2016
LUCERNE SWITZERLAND
CONFERENCE AGENDA

July 6-10, 2016

University of Lucerne

www.unilu.ch

Add: Frohburgstrasse 3, P.O. Box 4466, 6002 Lucerne, Switzerland



AGENDA OVERVIEW

Wednesday, July 6th, 2016

10 :00am to 12:00am	Collecting conference materials	Foyer
2:00pm to 2:05pm	Opening Ceremony	HS 3
2:05pm to 2:50pm	Keynote Address-1: <i>Sustainability: Salvation through Technology? Real Life Examples</i> Prof. Eugene Jud California Polytechnic State University, San, Luis Obispo, USA	
2:50pm to 3:35pm	Keynote Address-2: <i>Robustness and matheuristics: a study on vehicle routing problems</i> Prof. Roberto Montemanni Advanced Algorithms at the University of Applied Sciences of Southern Switzerland	
3:35pm to 3:55pm	Group Photo & Coffee Break	Foyer
3:55pm to 4:40pm	Keynote Address-3: <i>The future of Urban ITS in Europe. How to make it happen?</i> Prof. Monteiro Figueira University Lusofona, Lisbon, Portugal	HS 3
4:40pm to 5:25pm	Plenary Speech-1: <i>Integrated smart sustainable mobility: the Singapore model</i> Prof. Lee Der Horng Department of Civil and Environmental Engineering, National University of Singapore (NUS)	

Thursday, July 7th, 2016

8:30am to 10:00am	Session 1: Traffic system modeling and network monitoring—6 presentations	HS 3
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	Session 2: Transportation and planning—6 presentations	3.B52
10:00am to 10:15am	Coffee Break	Foyer
10:15am to 12:00am	Session 1: Traffic system modeling and network monitoring—7 presentations	HS 3
	Session 2: Transportation and planning—6 presentations	3.B52
12:00am to 1:00pm	Lunch	Cafeteria
1:00pm to 3:30pm	Session 3: Vehicle operation and management & logistics—10 presentations	HS 3
	Session 4: Automobile manufacturing and mechanical engineering—10 presentations	3.B52
3:30pm to 3:45pm	Coffee Break	Foyer
3:45pm to 6:30pm	Session 5: Transportation infrastructure construction and environment—11 presentations	HS 3
	Session 6: Traffic safety—11 presentations	3.B52
6:30pm to 8:00pm	Dinner	Cafeteria
9:00am to 6:00pm	Poster Session	Foyer

July 8th	One Day Tour	Lucerne
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July 9th-10th	Tutorial Date	University of Lucerne
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Note: The Tutorial Date has been canceled since there're not enough people for opening a tutorial.

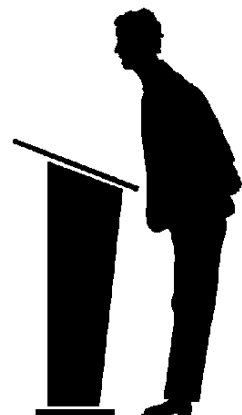
Instructions for Oral Presentations

Devices Provided by the Conference Organizer:

- Laptops (with MS-Office & Adobe Reader)
- Projectors & Screen
- Laser Sticks

Materials Provided by the Presenters:

- PowerPoint or PDF files



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- Duration of each Presentation (Tentatively)
- Regular Oral Session: 15 Minutes of Presentation including 2-3 Minutes of Q&A
- Keynote Speech: 45 Minutes of Presentation, including 5 Minutes of Q&A

Tutorial: *Metaheuristic algorithms for the traveling salesmen problems with precedence constraints*

Speaker: Roberto Montemanni

Abstract: Many real transportation and production planning applications can be modeled as traveling salesman problems with precedent constraints. The most simple version of the problem, often referred to as the sequential ordering problem, consists in deciding the sequence of visit of a given set of locations (customers) with the aim of minimizing the total travel time, while fulfilling a given set of precedence constraints between the locations. These constraints can model, for example, the fact that a parcel has to be picked up before being delivered at its destination. In this tutorial we will review some metaheuristic approaches to solve the problem, highlighting the pros and cons of the different ideas. Generalizations to other transportation problems with similar characteristics will be finally discussed.

NOTICE:

- **Presenters are required to enter the conference room 10 minutes before each session begins.*
- ****Certificate of Participation** can be collected in front of the registration counter.*
- **The organizer will not provide **accommodation**, so we suggest you make an early reservation.*
- **One best presentation will be selected from each session. The best one will be announced when each session ends, and will be awarded by the session chair after each session in the meeting room.*
- **The **attendee** should provide the author's authorization or attendee's passport ID when the attendee is none of the authors.*

Conference Secretariat Contact:

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