

2010 IEEE International Conference on Automation and Logistics

Post-conference Workshop



International Library of University of Macau

Aug. 19-20, 2010

# MAP of Macau



## MAP of UM CAMPUS (google map)



## MAP of UM CAMPUS



More can be found at:

[http://www.umac.mo/tour\\_campus\\_map.html](http://www.umac.mo/tour_campus_map.html)

### Details of Workshop Time Table:

<b>August 19, 2010</b>	
14:00--15:00	Bus from HK/Macao Ferry (码头) to University of Macau
14:00--18:00	Registration in University of Macau
17:00--18:00	Reception Dinner at International Library Hall of University of Macau
17:30--20:30	Welcome Dinner for workshop speakers and VIP only (Bus from the Regency Hotel La to Gondola (陆舟餐厅))

<b>August 20, 2010</b>	
9:00--9:30	Open Ceremony for ICAL 2010 workshop in UM
9:30--10:55	Workshop I: Robotics and Automation
10:55--11:10	Coffee Break
11:10--12:25	Workshop I: Robotics and Automation
12:30--14:00	Lunch
14:00--15:15	Workshop II: Logistics and Control
15:15--15:30	Coffee Break
15:30--17:10	Workshop II: Logistics and Control
17:15	Closing of workshops
18:00	Workshop Dinner for Workshop Speakers Bus from Regency Hotel to ROSSIO MGM (美高梅酒店盛事餐厅)

## Workshop Time Table:

August 19, 2010

- 14:00----- 1<sup>st</sup> Bus from Macao Taipa Ferry (凼仔码头) to UM(澳门大学)
- 15:00----- 2<sup>nd</sup> Bus from Macao Taipa Ferry (凼仔码头) to UM(澳门大学)
- 14:00--18:00-----Workshop Registration in University of Macau  
Venue: Auditorium I, STDM, International Library of UM
- 17:00--18:00-----Welcome Reception for all participants  
Venue: STDM, International Library, University of Macau

August 20, 2010

- 9:00--9:30-----Open ceremony for ICAL 2010 workshop in UM  
Rector or Vice Rector of UM
- 9:30--10:55-----Workshop I: **Automation and Robotics**  
Venue: Auditorium I, STDM, International Library of UM
- 10:55--11:10 Coffee Break
- 11:10--12:30-----Workshop I: **Automation and Robotics**  
Venue: Auditorium I, STDM, International Library of UM
- 13:00 -----**Lunch** at Cafe Eskimo (小泉居), located on the UM campus
- 14:00 --15:15-----Workshop II: **Logistics and Control**  
Venue: Auditorium I, STDM, International Library of UM
- 15:15--15:30 Coffee Break
- 15:30 --17:10 -----Workshop II: **Logistics and Control**  
Venue: Auditorium I, STDM, International Library of UM
- 17:30 ----- Closing of workshops

### For ICAL 2010 Workshop Speakers and VIP Only

#### August 19, 2010

- 17:20-----Bus from Regency Hotel (丽景湾酒店) to La Gondola (陆舟餐厅意大利菜)  
20:30----- Bus from to La Gondola (陆舟餐厅意大利菜) to Regency Hotel (丽景湾酒店)

#### August 20, 2010

- 17:30-----Bus from Regency Hotel(丽景湾酒店) to ROSSIO MGM (美高梅酒店盛事自助餐)  
21:00-----Bus from ROSSIO MGM (美高梅酒店盛事自助餐) to Regency Hotel 丽景湾酒店).

# ICAL 2010 Workshop

Friday, 20 August 2010

## Workshop 1: Automation and Robotics

Venue: Auditorium I STDM, International Library of University of Macau.

Chair: Prof. Dong Sun

### **9:30-9:55 Talk 1**

Title: Internet Robotics

Prof. Yunhui Liu, The Chinese University of Hong Kong, Hong Kong

### **10:05-10:30 Talk 2**

Title: Motion tracking: From 3D visual sensing to trajectory description

Prof. Youfu Li, City University of Hong Kong, Kowloon, Hong Kong

### **10:30-10:55 Talk 3**

Title: Development of a Self-assisted Rehabilitation Training System

Prof. Shuxiang Guo, Kagawa University, Japan

### **10:55-11:10 Tea Break**

### **11:10-11:35 Talk 4**

Title: Biologically inspired robotics

Prof. Simon Yang, University of Guelph, Canada

### **11:35-12:00 Talk 5**

Title: Optimal kinematics design of a 3-DoF parallel mechanism with unlimited rotational capability

Prof. Yunjiang Lou, Harbin Institute of Technology, Shenzhen campus, China

### **12:00-12:25 Talk 6**

Title: A synchronization control approach to multiagent systems

Prof. Dong Sun, City University of Hong Kong, Kowloon, Hong Kong

## Workshop 2: Logistics and Control

Venue: Auditorium II, International Library of University of Macau.

Chair: Prof. Yangmin Li

### **14:00-14:25 Talk 7**

Title: Control Design for Life Science Automation

Prof. T.J. Tarn, University of Washington, St. Louis, USA

### **14:25-14:50 Talk 8**

Title: Advanced Motion Control: From Classical PID to Nonlinear Adaptive Robust Control

Prof. Bin Yao, Purdue University, W. Lafayette, USA

### **14:50-15:15 Talk 9**

Title: Automatic Control of Capsule

Prof. Max Meng, The Chinese University of Hong Kong, Hong Kong

### **15:15-15:30 Tea Break**

### **15:30-15:55 Talk 10**

Title: Experience-based planning in autonomous systems

Prof. Jianwei Zhang, University of Hamburg, Germany

### **15:55-16:20 Talk 11**

Title: Simultaneous Localization of Mobile Robot and Multiple Sound Sources

Prof. Jwu-Sheng Hu, National Chiao Tung University, Taiwan

### **16:20-16:45 Talk 12**

Title: New Capsule Endscope with Accurate Localization and Active Motion Control

Prof. Chao Hu, Shenzhen Institute of Advanced Technology, Chinese Academy of Sciences, China

### **16:45-17:10 Talk 13**

Title: Design and Control of Micromanipulator for Nano Manipulation

Prof. Yangmin Li, University of Macau, Macao SAR, China

## **Useful Information:**

Macau Ferry Terminal → Regency Hotel or New Century Hotel

*You can take free hotel shuttle bus to Regency or New Century Hotel, this two hotels are very closed.*

Regency Hotel → Library of University of Macau

*Just walk ten minutes as directed in the third page.*

### **Café Eskimo (台北小泉居)**

Located on the entrance trail side of the University of Macau

### **Computers:**

Some Desktop PCs in Library hall can be used with the PC-LAN account as:

username: libgstieee

password: ical2010

### **Wireless Network:**

Be available in the UM library with the temporary accounts as:

User ID: guest129

Password: crnu5146

### **La Gondola (陆舟餐厅)**

澳門路環竹灣馬路

Tel: (853) 2888 0156

### **MGM Rossio (美高梅酒店盛事自助餐)**

澳門美高梅 澳門外港新填海區孫逸仙大馬路

MGM MACAU Avenida Dr. Sun Yat Sen, NAPE, Macau

Tel: (853)8802 2372



## Useful links:

### Weather:

<http://www.smg.gov.mo>

<http://www.hko.gov.hk/contentc.htm>

### Hong Kong International Airport:

<http://www.hongkongairport.com>

### Macau International Airport:

<http://www.macau-airport.gov.mo/en/index.php>

### Turbojets:

<http://www.turbojetseexpress.com.hk/eng/home/index.html>

[http://www.turbojetseexpress.com.hk/e/transfer\\_desk.asp](http://www.turbojetseexpress.com.hk/e/transfer_desk.asp)

### Macau Map:

<http://www.macautourism.gov.mo/macau-map>

<http://worldatlas.com/webimage/countrys/asia/mo.htm>

<http://maps.google.com/>

<http://www.umac.mo/about-campus-map.html>

Welcome to Macao again.