



## **Announcement and Call for Papers – IWMST 2018**

**The International Workshop on Modern Science and Technology 2018**

**October 25 - 26, 2018**

**Wuhan, China**

### **1. SCOPE**

We are pleased to announce that the International Workshop on Modern Science and Technology 2018 will be held at Wuhan University of Science and Technology from **October 25 to 26, 2018**.

The International Workshop on Modern Science and Technology (IWMST) is a forum of conferences jointly sponsored by 5 technology-engaged universities in East Asia for academic exchanges, which include Chin-Yi University of Technology (NCUT), Harbin Engineering University (HEU), Kitami Institute of Technology (KIT), The University of Electro-Communications(UEC), and Wuhan University of Science and Technology (WUST). Since its inception at HEU in 2000, IWMST has provided excellent opportunities for researchers from the 5-member university alliance to share and exchange ideas and experiences on science and technology. The IWMST 2018 at WUST aims to continue to enhance such successful partnership.

### **2. SPONSORS**

Wuhan University of Science and Technology

In collaboration with

- Harbin Engineering University
- Kitami Institute of Technology
- The University of Electro-Communications
- Chin-Yi University of Technology

### **3. TOPICS OF INTEREST**

Topics of interest include but are not limited to the following:

#### ***Information Science and Engineering***

Fundamental Theories, Computer Architecture and Hardware, High Performance Computing, Data Engineering, Programming Techniques and Languages, Software Engineering, Web, Ubiquitous/Cloud Computing, Artificial Intelligence, IT and

Society, Language Processing, Multimedia, Security, Machine Learning / Data Mining, Entertainment Computing, Learning, Optimization, Agent, Simulation, Soft-Computing and Others

### ***Communication Engineering***

Networking, Internet, Optical and Wireless Networks and Systems, Communication and Network Theory, Computer Communication, Network Management and Control, Communication Applications, Network Software, Network Security, Space Communication, Communication Devices, Evaluation Technologies, and Others

### ***Electrical Engineering and Electronics***

Electric Materials and Process, Electronic Materials, Semiconductor Technology, Power System and Energy, Smart Grid/Community, Circuits and Systems, Information and Control Systems, Electronics, Electrical Machines, Power Electronics, Electric Vehicle, Sensor and Micro-machines, and Others

### ***Intelligent Systems and Control***

Adaptive Control, Nonlinear Control, Optimal Control, Robust Control, Intelligent Control Systems, Neural Network, Mechatronics, Robotics, Guidance and Flight Control Systems, Process Control, Measurement and Signal Processing, Modeling and System Identification, State Estimation, and Others

### ***Materials Science and Bioscience***

Functional Materials including Nanomaterials, Carbon Materials, Photovoltaic Materials, Photonic Materials, Corrosion, High strength materials, Superlight Materials, Macromolecular Materials, and Biomaterials, Intelligent Materials, Metastable Materials, Environmental Materials, Bioimaging, Natural Resources, and Others

### ***Energy and Environment***

Solar Energy, Biomass Char, Fuel Cell, Renewable Energy, Methane Gas, Green House Gas, NO<sub>x</sub>, SO<sub>x</sub>, Natural Gas Hydrate, Marine Mineral Deposits, Environmental Pollution, Sustainability, Life Cycle Assessment, and Others

### ***Infrastructure Engineering***

Structural Engineering, Structural Materials, Civil Engineering Materials, Fracture and Damage Mechanics, Basic Mechanics, Structure Reliability, Urban and Transportation Engineering, Structure Earthquake-resistance Capability, Geotechnical and Geoenvironmental Engineering, Hydraulic Engineering, Cold Regions Technology, Glaciology, and Others

#### **4. IMPORTANT DATES**

Deadline for Full Paper submission: July 20<sup>th</sup>, 2018

Notification of acceptance for conference: August 3<sup>rd</sup>, 2018

#### **5. WORKING LANGUAGE**

The working language at the conference is **English**. All papers should be written in English and all presentations should be given in English.

#### **6. SUBMISSION GUIDELINE**

The requirements about the paper format can be found in ANNEXTURE 1: Requirements Regarding Paper Format.

The final version of papers should be submitted to [iwmst@wust.edu.cn](mailto:iwmst@wust.edu.cn).

All papers will be reviewed double blind and judged on accuracy, originality of ideas, and technical strength. The proceedings will be distributed among participants during the workshop.

Prospective authors could present your paper via speaking or poster:

Time for Speaking: 10-15 minutes

Postering: please prepare 1-2 posters (Width: 60cm, Height: 150cm maximum)

#### **7. REGISTRATION**

On-site registration is available at the registration desk:

- All day and evening of October 24<sup>th</sup>, 2018 at the lobby of Chutian Guangdong International Hotel where participants are recommended for accommodation;
- Before the Opening Session of the IWMST 2018 on the morning of October 25<sup>th</sup>, 2018 at Session Venue: Wuhan University of Science and Technology, Qingshan Campus.

All conference participants must register and pay a registration fee of 800 RMB. Student participants enjoy a special registration fee offer of 400 RMB. The registration fee includes access to the proceedings, major meals and the transportation between Chutian Guangdong International Hotel and the conference venue.

## **8. ACCOMMODATION**

Recommended hotel: Chutian Guangdong International Hotel

Website: <http://www.gdhhotels.com>

Phone: +86 27 86628888, +86 13720161464

Corporate rate: About 498 RMB per night for twin room with two breakfasts.

About 498 RMB per night for single room with one breakfast.

Address: 181 Donghu Road, Wuchang District, Wuhan, Hubei 430071

地址：湖北省武汉市武昌区东湖路 181 号 楚天粤海国际大酒店

(东湖风景区湖北省博物馆对面)

We will have the registration desk based in the lobby of Chutian Guangdong International Hotel on October 24<sup>th</sup>, 2018 and arrange for transportation between the hotel and the conference venue.

**NB.** Participants who choose not to use the recommended hotel for accommodation, please also fill the attached ANNETUXE 2: ‘Author Information and Accommodation Booking Form’ and send it to the conference organizer before September 1<sup>st</sup>, 2018 if their papers are accepted. The hotel booking will be conducted according to information provided in this form.

## **9. CONTACT INFORMATION**

**Conference Email:** [iwmst@wust.edu.cn](mailto:iwmst@wust.edu.cn)

### **For academic affairs:**

Ms. HU Lin

Office of Research and Development

Wuhan Wuhan University of Science and Technology

Phone: +86 27 68862412

Fax: +86 27 68862412

### **For affairs related to conference proceedings:**

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Fax: +86 27 68862606

## 10. TENTATIVE SCHEDULE FOR ACADEMICS GROUP IWMST 2018

Time	Activity	Venue
<b>Wednesday, October 24<sup>th</sup>, 2018</b>		
All day and evening	Registration	Chutian Guangdong International Hotel
<b>Thursdays, October 25<sup>th</sup>, 2018</b>		
Early morning	Registration	Qingshan Campus, Wuhan University of Science and Technology  Address: 947 Heping Avenue, Qingshan District, Wuhan, Hubei 430081, China  武汉市和平大道 947 号 武汉科技大学青山校区
Morning	Opening Ceremony	
	Group Photo	
	Keynote Speeches (one from each member university, preferably no longer than 15 minutes talk followed by a 5-minute Q & A session)	
Noon	Buffet	
Afternoon	Presentation Session	
Evening	Welcome Banquet	Chutian Guangdong International Hotel
<b>Friday, October 26<sup>th</sup>, 2018</b>		
Morning	Presentation Session	Qingshan Campus, Wuhan University of Science and Technology  Address: 947 Heping Avenue, Qingshan District, Wuhan, Hubei 430081, China  武汉市和平大道 947 号 武汉科技大学青山校区
Noon	Buffet	
Afternoon	Session	

# ANNEXTURE 1: Requirements Regarding Paper format

题目 14 号字加黑居中 Title: Black font, size 14, Times New Roman, middle of the page

## The Research on Rs Method for Discrete Membership Functions

(One line in between 空一行)

ZHANG Xiaoya, LI Dexiang  
School of Management,  
Sichuan University, P. R. China, 610036  
yuanfengxiangsheng@126.com

10 号字居中  
Size 10, Times New Roman, middle of the page

10 号字加黑 size 10, Times New Roman, Black font

(Skip a line 空一行)

**Abstract** Mizumoto used to advance a fuzzy reasoning method ,Rs, which fits the.....

**Key words** IDSS, Fuzzy reasoning,..... (10 号字 size 10, Times New Roman)

(One line in between 空一行)

### 1 Introduction

We know that the approaches of implementation of intelligent decision support Systems (IDSS) have become variable..... (正文均用 10 号字 Size 12 for text)

(One line in between 空一行)

### 2 An Example

According to the definition of Rs, we can construct the fuzzy relation matrix, as shown in table 1

9 号字加黑居中  
Size 9, Black font, in the middle

Size 12, Black font for Tier 1 title

一级标题 12 号字加黑

**Table 1 A Fuzzy Relation Rs**

	$U_2$	$U_3$			
$U_1$	0.00	0.10	0.40	0.70.....	
	0.00	1.00	1.00	1.00	.....
	0.20	0.00	0.00	1.00	1.00
	.....	.....	.....	.....	.....

(表中用 9 号字 Size 9 in table)

Figure (图中标注用 9 号字 Size 9)

**Figure 1 Functions of.....** (Size 10, Black font, Middle)

(One line in between 空一行)

### 3 The Improved Method

(One line in between 空一行)

**3.1 Method one** (二级标题 10 号字加黑 Size 10, Black font for Tier 2 title)

.....

**3.1.1** Discussing about method one (三级标题 10 号字 Size 10, for Tier 3 title)

.....

(One line in between 空一行)

**3.2 Method two.....**

.....

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### 4 Conclusion

.....

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### References

(12 号字加黑居中 Black font, size 12, middle of the page)

(One line in between 空一行)

[1] M. Mizumoto, H.J.Zimmermann. comparison of fuzzy reasoning methods. Fuzzy Sets and Systems ,8 (1982),p253~283 (参考文献均用 10 号字 Size 10 for References)

## ANNEXTURE 2: Author Information and Accommodation Booking Form

School/Institution							
Correspondence Address (in English & Native Language)							
Cell /Office Phone/ Fax							
No.	Name	Gender	Date of Birth	Title/ Position	Email	Form of Paper Presentation	Teacher or Student
						Speaking <input type="checkbox"/> Postering <input type="checkbox"/>	Teacher <input type="checkbox"/> Student <input type="checkbox"/>
						Speaking <input type="checkbox"/> Postering <input type="checkbox"/>	Teacher <input type="checkbox"/> Student <input type="checkbox"/>
						Speaking <input type="checkbox"/> Postering <input type="checkbox"/>	Teacher <input type="checkbox"/> Student <input type="checkbox"/>
						Speaking <input type="checkbox"/> Postering <input type="checkbox"/>	Teacher <input type="checkbox"/> Student <input type="checkbox"/>
<b>Hotel reservation</b> (Accommodation expenses to be paid by participants)							
Hotel Booking (Please tick ✓)		<input type="checkbox"/> Choose to use Chutian Guangdong International Hotel for accommodation <input type="checkbox"/> Book other hotel by oneself If you book by yourself, please ignore the following.					
Room Type Preferred		Date of Check-in	Date of Check-out	Number of Rooms		Nights	
Twin Room							
Single Room							
Other (please specify)							
Other requirements regarding diet, smoking habits, etc.:							

**Notes:**

1. The letter of invitation for visa application will be issued based on information provided in this form.
2. Hotel rooms will be booked based on the information provided in this form. If you wish to use the recommended hotel, please fill this form and send it to us before September 1<sup>st</sup>, 2018 for our booking rooms on your behalf. As alternative, please feel free to book hotels of your personal preference.

Recommended hotel: Chutian Guangdong International Hotel

Corporate rate: About 498 RMB per night for twin room with two breakfasts.

About 498 RMB per night for single room with one breakfast.

Address: 181 Donghu Road, Wuchang District, Wuhan, Hubei 430071

酒店：楚天粤海国际大酒店

地址：湖北省武汉市武昌区东湖路 181 号（东湖风景区湖北省博物馆对面）