

5<sup>th</sup> IWAMSN

2010



The 5<sup>th</sup> International Workshop on

**ADVANCED MATERIALS SCIENCE AND  
NANOTECHNOLOGY**

Hanoi, Vietnam – November 09-12, 2010

5<sup>th</sup> IWAMSN

2010



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## **FIRST ANNOUNCEMENT AND CALL FOR PAPERS**

### **1. WORKSHOP NAME:**

**The 5<sup>th</sup> International Workshop on  
ADVANCED MATERIALS SCIENCE AND NANOTECHNOLOGY  
IWAMSN 2010**

**Phone:** (84-4) 3.8360585 - 3.7564283 - 3.9900600

- **Fax:** (84-4) 38360705

- **E-mail:** info@iwamsn2010.ac.vn

- **Website:** <http://www.iwamsn2010.ac.vn>

### **2. WORKSHOP SITE: Hanoi University of Technology, 1 Dai Co Viet Road, Hanoi, Vietnam**

Vietnam is well-known for its rich culture, its delicious food and being an emerging developing country. Less than a century after moving the Kingdom to Thang Long (former name of Hanoi), in 1076, the third King of the Ly dynasty founded in this city the first Vietnamese University, named Quoc Tu Giam (situated in Van Mieu). Hanoi is now a city of preserved culture. It is also the largest center for science and technology of the country. In this year 2010, Hanoi is proud to hold the National Celebration of 1000 years of Thang Long-Hanoi Capital.

### **3. WORKSHOP TIME:**

November 09-12, 2010

#### **4. CONTACT ADDRESS:**

IWAMSN2010 Workshop Secretariat

Institute of Materials Science

Vietnam Academy of Science and Technology

18 Hoang Quoc Viet Road, Cau Giay District, Hanoi, Vietnam

**Phone:** (84-4) 3.7568870 - 3.9900600 (Mr. Tuong);

3.8360585 (Prof. Hong);

3.7564283 (Prof. Phuc);

3.7912835 (Prof. Liem);

**Fax:** (84-4) 3.8360705

**E-mail:** info@iwamsn2010.ac.vn

**Website:** <http://www.iwamsn2010.ac.vn>

#### **5. ORGANIZERS:**

Vietnam Academy of Science and Technology, VAST

Vietnam Physical Society, VPS

Vietnam Materials Research Society, V-MRS

Vietnam National University, Ho Chi Minh City, VNU-HCM

Vietnam National University, Hanoi, VNU-HN

Hanoi University of Technology, HUT

Institute of Materials Science, IMS

Laboratory of Nanotechnology, LNT

#### **6. SPONSORS:**

- Asia Pacific Center for Theoretical Physics (APCTP)
- Vietnam Academy of Science and Technology (VAST)
- Ministry of Science and Technology of Vietnam (MOST)
- Vietnam National University in Ho Chi Minh City (VNU-HCM)

- Vietnam National University in Hanoi (VNU-HN)
- National Foundation for Science and Technology Development of Vietnam (NAFOSTED)
- International Center for Theoretical Physics (ICTP)
- Asian Office of Aerospace Research and Development (AOARD)
- U.S. Office of Naval Research Global-Asia (ONRG)

*and others*

## **7. INTERNATIONAL ORGANIZING COMMITTEE:**

Chairman: Nguyen Van Hieu

Members: B.V.R. **Chowdari** (Singapore)  
 Soo Jin **Chua** (Singapore)  
 Tamio **Endo** (Japan)  
 Masayoshi **Esashi** (Japan)  
 Hervé **Fanet** (France)  
 Maurizio **Ferrari** (Italy)  
 Peter **Gray** (Australia)  
 Tom **Gregorkiewicz** (the Netherlands)  
 Chia Chen **Hsu** (Chia-Yi)  
 Tadashi **Itoh** (Japan)  
 CheolGi **Kim** (Korea)  
 Dojin **Kim** (Korea)  
 Naoki **Kishimoto** (Japan)  
**Le Si Dang** (France)  
 Jaichan **Lee** (Korea)  
 YoungPak **Lee** (Korea)  
 Han-jo **Lim** (Korea)  
 Mohammad **Mujahid** (Pakistan)  
 Cattien V. **Nguyen** (USA)  
 Quyen **Nguyen** (USA)

Per **Nordblad** (Sweden)  
**Phan** Hong Khoi (Vietnam)  
Brett **Pokiness** (USA)  
Rengasamy **Ponnappan** (Japan)  
Nicholas **Quirke** (UK)  
C.N.R **Rao** (India)  
Peter **Reiss** (France)  
Cees J.M. **van Rijn** (the Netherlands)  
Andrey **Rogach** (Hong Kong)  
Jean-Louis **Sauvajol** (France)  
Wieslaw **Strek** (Poland)  
Susumu **Sugiyama** (Japan)  
Migaku **Takahashi** (Japan)  
Oh Joo **Tien** (Singapore)  
Sukekatsu **Ushioda** (Japan)  
Shen **Zexiang** (Singapore)

## **8. LOCAL ORGANIZING COMMITTEE:**

Chairman:           Nguyen Xuan Phuc

Co-chairman:       Nguyen Duc Chien

Members:           Hoang Dzung  
                          Huynh Thanh Dat  
                          Nguyen Huu Duc  
                          Pham Thanh Huy  
                          Phan Ngoc Minh  
                          Le Quoc Minh  
                          Pham Xuan Tuong

## **9. PROGRAMME COMMITTEE:**

Chairman: Nguyen Quang Liem  
Co-chairman: Dang Mau Chien  
Members: YoungDong Kim  
Nguyen Hoang Luong  
Andrey Rogach  
Vu Ngoc Hung

## **10. SECRETARIAT:**

Executive Secretary: Le Van Hong  
Secretaries: Phan Tien Dzung  
Nguyen Bich Ha  
Tran Dai Lam  
Vu Dinh Lam

## **11. PURPOSE OF THE WORKSHOP:**

The purpose of the Workshop is to promote the research and application in the field of advanced materials science and nanotechnology. At the Workshop there will be the invited talks on the actual topics and the reports of the participants on their original works.

The Workshop is also a continuation of the 1<sup>st</sup> IWONN, 2<sup>nd</sup> IWONN, 1<sup>st</sup> IWOFM-3<sup>rd</sup> IWONN and 1<sup>st</sup>AMSM-4<sup>th</sup>IWONN (APCTP-ASEAN) organized in Hanoi 2002, in Hanoi 2004, in Halong 2006 and in Nha Trang 2008.

The coming meeting is expected to be attended by about 300 participants, in which 200 from local and 100 from international institutions (up-to the date of launching this announcement more than 50 distinguished scientists from oversea have confirmed to give invited talks).

## **12. SATELLITE/PARALLEL WORKSHOP/SYMPOSIUM**

- Asia Nano Forum, ANF (satellite, November 9, 2010)
- ASEAN-Pakistan Conference on Materials Science, APCOMS 2010 (parallel, November 9-12, 2010)
- 5<sup>th</sup> Korea-Vietnam Joint Symposium on Quantum Photonics and Nanotechnology (parallel, November 9-12, 2010)
- French-Vietnamese School on Magnetic and Semiconducting Nanomaterials (satellite, November 3-6, 2010)

## **13. SCOPE OF THE WORKSHOP**

### **Topics of the Workshop:**

Topics to be covered at the Workshop include but are not limited to the following:

1. Advanced Materials for Electronics and Photonics (code: MEP)
2. Nanostructured Materials and Devices (code: NMD)
3. Nanotechnology in Life Science and Environmental Technology (code: NLE)

### **Sessions of the Workshop:**

- Plenary sessions
- Parallel sessions
- Posters sessions

## **13. PUBLICATIONS**

Contributed articles after peer-review and invited talks (without peer-review but with technical re-edition, if necessary) will be published in one of three journals, accordingly to the scientific topics of the articles.

1. Articles on the topics of Nanoscience and Nanotechnology will be published in a new free-access electronic journal of IOP Publishing (UK) Advances in Natural Sciences: Nanoscience and Nanotechnology Adv. Nat. Sci.: Nanosci. Nanotechnol. (<http://iopscience.org/ansn>). The publication fee 300 USD for an article with the average length of 8-10 pages or 600 USD for an article with the average length of 20-24 pages will be supported by Vietnam Academy of Science and Technology VAST.
2. Articles on the topics of Materials Physics will be published in a free-access electronic journal of IOP Publishing (UK) Journal of Physics: Conference Series.  
The publication fee of 47 USD for an article will be paid by the Organizing Committee.
3. Other articles will be published in the journal Advances in Natural Sciences (<http://www.ans.ac.vn>) of VAST.

Authors are required to prepare the manuscript accordingly to the Word Guidelines for authors of IOP with the use of the Vancouver system in writing the list of references. A brief [Guidelines for authors](#) can be found also in this website.

Authors of invited talks as well as of accepted contributed talks are required to sign the Copyright Agreement with the Editorial Boards of the journals.

Contributed articles should have the average length of 8-10 pages. Invited articles should have the length not exceeding 24 pages.

For the information the Organizing Committee will furnish a CD collection of submitted articles to the participants of the Workshop at the registration desk.

#### 14. REGISTRATION FEES:

	Until September 10, 2010	After September 10, 2010
Regular Participant	400 USD	500 USD
Student	200 USD	250 USD
Guest	100 USD	150 USD

#### Registration fee includes:

- Social activity (at least 1 common)
- Banquet

There are two ways for Workshop fee payment:

#### 1. Bank transfer:

##### - **US Dollar (USD):**

Account name: Doan Tien Giang

Account Number: 0021371143944

Bank name: VIETCOMBANK Hanoi Branch, Cau Giay Sub-Branch

Bank Address: 98 Hoang Quoc Viet, Cau Giay, Hanoi, Vietnam

Swift Code: BFTVVNVX002

##### - **Vietnam Dong (VND):**

Account name: Pham Xuan Tuong

Account Number: 13320699437011

Bank name: TECHCOMBANK

#### 2. By credit card or in cash:

On the registration desk at the Workshop site when you come.

## 15. LIST OF (CONFIRMED) INVITED SPEAKERS



Eun Ha **Choi** (Korea)  
Mau Chien **Dang** (Vietnam)  
Dzung Viet **Dao** (Japan)  
Mukunda **Das** (Australia)  
Tamio **Endo** (Japan)  
Thomas E. **Erstfeld** (Japan)  
Maurizio **Ferrari** (Italy)  
Emmanuel **Fort** (France)  
Eric **Fribourg-Blanc** (France)  
Peter **Fulde** (Korea)  
Tom **Gregorkiewicz** (the Netherlands)  
Takeshi **Hashishin** (Japan)  
Chia Chen **Hsu** (Chia-Yi)  
Shu-Fen **Hu** (Taipei)  
Chang Kwon **Hwangbo** (Korea)  
Tadashi **Itoh** (Japan)  
Bernard **Journet** (France)  
Tomoji **Kawai** (Japan)  
Hiroshi **Kezuka** (Japan)  
Fazal A. **Khalid** (Pakistan)  
Cheol Gi **Kim** (Korea)  
Dojin **Kim** (Korea)  
Nakjoong **Kim** (Korea)  
Young Dong **Kim** (Korea)  
Tae Geun **Kim** (Korea)  
Jong Seung **Kim** (Korea)  
Naoki **Kishimoto** (Japan)  
**Le Si Dang** (France)  
Seong Jae **Lee** (Korea)  
Jaichan **Lee** (Korea)  
Soonil **Lee** (Korea)  
YoungPak **Lee** (Korea)  
Peter **Lievens** (Belgium)  
Han-jo **Lim** (Korea)  
Ru-Shi **Liu** ( Taipei)  
Xiang Yang **Liu** (Singapore)  
Shinya **Maenosono** (Japan)  
Mazhar **Mehmood** (Pakistan)  
Qui **Tran-Cong-Miyata** (Japan)  
Hubert **Moriceau** (France)  
Takahiro **Namazu** (Japan)  
Cattien V. **Nguyen** (USA)  
**Nguyen** Chanh Khe (Vietnam)  
**Nguyen** Quang Liem (Vietnam)  
Quyên **Nguyen** (USA)  
**Nguyen** Thi Kim Thanh (United Kingdom)  
**Nguyen** Van Hieu (Vietnam)  
**Nhu-Tarnawska** Kim Ngan (Poland)  
Masayuki **Nogami** (Japan)  
Per **Nordblad** (Sweden)  
Jun-Seo **Park** (Korea)  
Q-Han **Park** (Korea)  
**Pham** Minh Chau (France)  
Rengasamy **Ponnappan** (Japan)  
C.N.R **Rao** (India)  
Peter **Reiss** (France)  
Cees J.M. **van Rijn** (the Netherlands)  
Andrey **Rogach** (Hong Kong)  
Jean-Louis **Sauvajol** (France)  
Wieslaw **Strek** (Poland)  
Susumu **Sugiyama** (Japan)  
Athinarayanan **Sundaresan** (India)  
Hirokazu **Tada** (Japan)  
Hidekazu **Tanaka** (Japan)  
**Tran** Dai Lam (Vietnam)  
Vinh-Hung **Tran** (Poland)  
Lionel **Vayssieres** (Japan)  
**Vu** Dinh Lam (Vietnam)

## 16. SOCIAL ACTIVITIES:

All the participants and accompanying are invited to joint the following events:

- Hanoi-1000-years tour
- Workshop Banquet

## 17. IMPORTANT DEADLINES:

<b>Workshop registration:</b>	<b>01 September 2010</b> 
Visa application:	10 September 2010
<b>Abstract submission:</b>	<b>01 September 2010</b> 
Full paper submission	
(camera-ready form by email):	10 September 2010
Workshop fee early-bird payment:	10 September 2010

## 18. OTHER INFORMATION:

**Accommodation:** *On the link below for more information:*

<http://www.iwamsn2010.ac.vn/?mod=article&mid=329&pid=0&aid=59>

**Travels:** *On the link below for more information:*

<http://www.iwamsn2010.ac.vn/?mod=article&mid=329&pid=0&aid=59>

### **Immigration:**

Except several countries (ASEAN Countries, Japan, Korea, India, China), a visa is required for overseas participants to visit Vietnam. In

order to apply for the visa, you and your accompanying just need to fill a visa application form (available on the website of the conference) and send by email to the Secretariat on time. The Local Organizing Committee will process your visa application in Hanoi and send you a letter with an issued number with which you will be able to obtain the Visa at the Vietnamese Embassy or Consulate in your country with some charge.

*Deadline for visa application: September 10, 2010*

### **Money exchange:**

Vietnamese Dong (VND) is preferred in Vietnam. You can change into Vietnamese Dong by USD, Euro, Japanese Yen... at the airports, hotels or banks. Credit Cards (VISA, MASTER, American Express) are only welcome in big hotels or big stores.

Exchange rates: Vary frequently. At this moment, they are proximately

1 USD=19,000 VND

1 Euro=26,000 VND

1 JP Yen=206 VND

### **Climate:**

The weather at the beginning of November in Hanoi is normally: clear, no rain and temperature of about 20-25°C.

### **Note:**

- Flights to Hanoi. Please contact your travel agency for the flight reservation as soon as possible.
- Students should send to the secretariats their completed registration form together with a copy of student card by Email.