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Dear colleagues,

On behalf of the Local Organising Committee, we warmly welcome you to participate in the inaugural Asia-Pacific Surface and Interface Analysis Conference (APSIAC).

APSIAC is an international conference arising from the growing need and development of the Asia-Pacific region in the usage and understanding of surface analysis in materials research and its application in the industry. APSIAC will thus provide a forum meeting place for scientists, users and suppliers of surface analytical equipment in the region and the rest of the world.

APSIAC will be held at the Pan-Pacific Hotel in the island city of Singapore. This inaugural meeting, intended for an international exchange of information on the application of the different techniques for solving surface and interface-related problems, arises from the success of the Australasia-Asia XPS Symposium held in 1995 in Australia. We expect more than 300 participants from many countries around the world and in particular, around the Asia-Pacific region. The conference programme will consist of plenary and keynote lectures, oral presentations in parallel sessions, poster contributions and instrument exhibition. A conference proceeding consisting of all submitted abstracts will be handed to the participants upon their registration. Submitted and accepted full papers, subject to normal reviewing, will be published in a special conference issue of Surface and Interface Analysis (published by John Wiley & Sons). A copy of this journal will be mailed to all the full paying participants after the conference.

The conference venue, the Pan-Pacific Hotel, is located in the center of the city. Accommodations at the conference venue, at hotels located within walking distance from the conference venue and at student hostels are available.

Singapore is an island city located near the equator and enjoys a warm weather throughout the year. A multi-racial society (Chinese, Malay, Indians and others) brings together a rich blend of culture in the country. Participants would have the opportunity to experience this rich culture throughout their stay.
The sponsors are kindly acknowledged for their generosity.

K L Tan & E T Kang
Chairmen of the Local Organising Committee

LOCAL ORGANISING COMMITTEE

Chairmen: K L Tan E T Kang
Secretaries: C H A Huan YP Feng
K K Phua  F C Loh  H C Zeng  ATSWeeS
Jaenicke  G K Chuah  W T Chia  X Z Shen
H S O Chan  G Q Xu  K G Neoh  J Y Lin

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M.P. Seah (UK)  (Hong Kong)
B.T.G. Tan (Singapore)  X. Wang (China)
T.T. Tsong (Taiwan)

GENERAL INFORMATION

APSIAC ’98 will be held at the Pan-Pacific Hotel, Singapore from 30 November to 4 December 1998.

The conference language is English.
VENUE

Singapore consists of one main island and some 60 small ones. It is located between latitudes 1°09'N and 1°29'N and longitudes 103°36'E and 104°25'E, approximately 137 kilometres north of the Equator. It is separated from Peninsular Malaysia by the Straits of Johor and from the Indonesian islands by the Straits of Singapore. The main island of Singapore is about 42 kilometres from east to west and 23 kilometres from north to south.

The total land area (including that of the smaller islands) is 647.5 square kilometres.

Singapore is an equatorial country with relatively uniform temperature, abundant rainfall and high humidity. The average daily temperature is 27°C, with the average daily maximum of 31°C occurring in the afternoon and the minimum of 24°C just before dawn. December and January are generally the coolest months. Rain falls throughout the year but tends to be heavier from November to January.

ACCESS ROUTES AND LINKS

Singapore is a major air hub in the Asia-Pacific region. It is linked to 130 cities in 54 countries by 69 airlines. It operates more than 3,100 scheduled flights per week. Singapore is also easily accessible by road from its neighbouring country Malaysia, via two causeways.

DEADLINES

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<td>Registration</td>
<td>September 30</td>
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<td>Submission of paper</td>
<td>Day of conference</td>
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CALL FOR PAPERS

Contributions of oral and poster presentations are expected on the topics given (see Call For Paper Form). Abstracts should be submitted in camera-ready form (3 copies), in English. The format required is one A4 page (21 x 29.7 cm). Please use “Helvetica 12” fonts with

• Title (in CAPITALS), centred at the top of the page;
  Author names, address, fax numbers and emails, centred below the title. Underline name of author presenting the paper;

• Text: single-spaced, within a rectangle of 15.0 cm by 24.0 cm, including references and figures;

• References: according to the format of Surface and Interface Analysis (SIA).

The abstract should be sent to the conference secretary as soon as possible, but

Not later than July 31, 1998

Please fill in the attached form “CALL FOR PAPERS” on page 13 and send it together with the abstract to:

The Secretary
APSIA Conference '98
Department of Physics
National University of Singapore
SINGAPORE 119260

Late submissions will only be considered for poster presentation and may not be included in the conference proceedings.

If you FAX the abstract and the Call For Paper form, please send them also by air mail.

The corresponding author will be informed before August 31, 1998 if the paper has been accepted for presentation at APSIA Conference –’98 together with details both for preparation of the manuscript and oral or poster presentation.
The programme booklet will be handed out to all participants upon their registration. Full paying delegates will also receive the Conference Proceedings containing all the abstracts.

Papers submitted to the conference can also be considered for submission in a special issue of the journal of Surface and Interface Analysis. All submitted papers will be subject to the journal’s regular reviewing procedure. All attendees paying the full registration fee will receive a copy of the special issue of Surface and Interface Analysis by mail after the conference.

Prizes will be awarded by the Organising Committee and International Advisory Board for the best poster in each session.

Please complete all individual sections of the enclosed Registration Form, page 14 and return it together with the required payment in US Dollar (USD). The deadline for early registration is September 30, 1998.

Conference registration fee:
  payment before September 30: US$ 450
  after September 30: US$ 500

Student (Enclose a copy of your 1998 student card):
  payment before September 30: US$ 225
  after September 30: US$ 250

Accompanying person:
  payment before September 30: US$ 150
  after September 30: US$ 160
METHOD OF PAYMENT

Bank Account: Development Bank of Singapore, Kent Ridge Branch,
Account No: 032-006873-1

Credit Card: American Express, Visa and Mastercard.

In every case, please quote the name of the participant and mention APSIA Conference.

The Conference Registration Fee cover:

For DELEGATES:
- Admission to all conference sessions
- Admission to exhibition
- Programme Booklet
- Conference Proceedings (only for full paying delegates)
- Reception
- Lunches on all conference days
- Coffee/Tea breaks
- Excursion
- Conference Dinner (only for full paying delegates)
- Special conference issue of Surface and Interface Analysis (only for full paying delegates).

For ACCOMPANYING PERSONS:
- Reception
- Excursion
- Conference Dinner

CANCELLATIONS

It is regretted that full refunds cannot be given on cancellations received after October 30, 1998. Cancellations between October 30 and November 6, 1998 will be refunded with 50%; after November 6, 1998, no refunds will be made. Request for cancellations must be made in writing.
Many hotels (from the best to moderate in quality) are available within the vicinity of the conference venue (special rates apply for conference only). The contact number of the hotels are as follows:

**Pan Pacific Hotel**
- S$165+++ (single/twin)
- Tel: 65-336 8111
- Fax: 65-339 1861
- Email: panpac@pacific.net.sg

**Carlton Hotel**
- S$120+++ (single/twin)
- Tel: 65-338 8333
- Fax: 65-339 6866 including breakfast
- Email: Sales@Carlton.com.sg

**Allson Hotel**
- S$105+++ (single/twin)
- Tel: 65-336 0811
- Fax: 65-339 6236 + S$10 for breakfast

**Peninsula/Excelsior Hotels**
- S$105 - S$115 nett (single/twin/double)
- Tel: 65-338 7733
- Fax: 65-339 6236 + S$10 for breakfast

**Students’ Hostel**
- S$20 (includes meals)
- Tel: 65-874 2839
- Fax: 65-779 1691
- Dr G K Chuah at chmcgk@nus.edu.sg
- Transport will be arranged to ferry delegates to and from the conference venue.

(Room rates quoted are in Singapore dollars (US$1 = S$1.7 as at 28 August 1998), except student hostel, are subject to 10% service charge, applicable cess at 1%, and Goods and Services Tax (GST) at 3%).
SOCIAL EVENTS
(Tentative only)

29 November 1998 (Sunday) Welcome reception at the Pan Pacific Hotel.

1 December 1998 (Tuesday) Excursion to the Night Safari

2 December 1998 (Wednesday) Conference Dinner

4 December 1998 (Friday) Post conference excursion.

Excursions for accompanying persons to a variety of tourist attractions can be arranged at the respective hotels. The various attractions include Jurong Bird Park, the Zoo (one of the best in the world), Clark Quay, Orchard Road, Sentosa Island etc.

CONFERENCE DINNER

The conference dinner will be held at the Pan Pacific Hotel. A chinese crusine dinner is planned (alternative arrangements for vegetarian and other requirements can be made).

EXCURSIONS

The world’s first Night Safari, developed and managed by the Singapore Zoo, will unfold the mystery and drama of the jungles at night with stunning effect. The Night Safari, a 40 hectares parcel of land adjoining the Zoo, consists largely of untouched secondary forest which displays a myriad of nocturnal animals in a wild rainforest setting under artificial lighting. Take a tram ride to cover the East and West Loop where you will be able to view the animals in complete safety and comfort with a sense of roaming through wild and vast jungle. For the adventurous, walking trails are available.
A full exhibition of equipment for surface analysis will be held during the conference (three days beginning from the second day of the conference). Analytical instruments will be shown as well as other equipment, components, vacuum systems, data system, book journals, surface analysis services etc.

Corporations interested in participating are requested to fill out the EXHIBITION FORM (Deadline September 30, 1998) and mail to the address enclosed.

**EXHIBITION INVITED SPEAKERS**

**Planery Lectures**

**John T. Grant (USA)**  
*The Development of Auger Electron Spectroscopy for the Study of Solid Surfaces*

**Atsushi Koma (Japan)**  
*STM and AFM Characterization of Heterostructures Grown with van der Waals Epitaxy*

**Tien T, Tsong (Taiwan)**  
*Surface Analysis at the Atomic Level*

**Xun Wang (China)**  
*Scanning Probe Microscopic Studies of Semiconductor Low Dimensional Structures*

**David Briggs (UK)**  
*Title to be confirmed*
Invited Lectures

Chunli Bai (China)
Investigation of Surface Properties at Nanometer Scale using SPM.

A. Benninghoven (Germany)
TOF-SIMS: Fundamentals, Applications and Recent Development.

Li Li Cao (China)
Diffusion and Reaction of Atoms at Thin Film Interface

Chi-Ming Chan (HK)
Surface Analysis of Block Copolymers and Polymer Blends by XPS and TOF-SIMS.

John Foord (UK)
Surface Science Studies of the Chemical Vapour Deposition and Applications of Thin Film Diamond.

C. C. Ho (Malaysia)
Surface Morphology of Latex Film Found from Poly (butyl methacrylate) Latex in the Presence of Alkali Soluble Resins.

Yasuhiro Iwasawa (Japan)
Structures and Dynamic Behaviours of Atoms and Molecules at Catalyst Model Surfaces.

K.A.R. Mitchell (Canada)
Comparison of Some (\sqrt{7} x \sqrt{7}) R19.1° Structures Formed by Electronegative Atoms on Close Packed Transition Metal Surfaces.

Y. Murata (Japan)
Insulator-Metal Transition on a Ge Overlayer on Pt(111)

Se-Jung Oh (Korea)
Buddy Ratner (USA)
Surfaces and Biology: Evolution-Optimized Surfaces for Precision Recognition and Catalysis.
Richard Payling (Australia)
Surface Analysis with GD-OES

William R. Salaneck (Sweden)
Surfaces and Interfaces of Conjugated Polymers for Photonic Applications.

Martin P. Seah (UK)
Recent Developments in Reference Data for AES and XPS.

David E. Sykes (UK)
SIMS with Sample Rotation: an experimental novelty or a practical necessity.

David S.Y. Tong (HK)
Looking at Surfaces with a Different Particle - The Positron.

Michel A. Van Hove (USA)
Atomic-scale Surface Structure Determination: Comparison of LEED, PED and STM.

Hui-lin Wan (China)
Surface Acidity/Basicity and Active Oxygen Species of the Fluoride-containing Rare Earth (-alkaline earth) Oxides Based Catalyst For the Oxidative Coupling of Methane.

J.E. Castle (UK)
Title to be confirmed

Xue Zengquan (China)
Title to be confirmed

Robert Lamb (Australia)
Title to be confirmed

John Liesegang (Australia)
Title to be confirmed