



Division of Condensed Matter Physics
Association of Asia Pacific Physical Societies

1st Circular on
Asia-Pacific Conference on Condensed Matter Physics 2021
December 1st to 3rd, 2021
and
Asia-Pacific Condensed Matter Physics Week

It is our great pleasure to invite you to attend the Asia-Pacific Conference on Condensed Matter Physics Conference 2021(AC²MP2021) and the Asia-Pacific Condensed Matter Physics Week(ACMP WEEK), which will be organized by the Division of Condensed Matter Physics(DCMP) founded on January 1st, 2021 by members from five associations of physics working in the Association of Asia-Pacific Physical Societies(AAPPS). The DCMP aims at the systematic and continuous exchanges to further develop condensed matter physics in the Asia-Pacific region. The condensed matter physics is one of the major parts of physics that covers a wide range of disciplines. It is constantly developing with strong interactions with various scientific areas and contributes to the expansion of human knowledge and the developments of society.

The AC²MP2021 is the international conference to summarize the current status and future prospects in condensed matter physics and the related communities. It is also the first annual meeting of the DCMP, where the summary of the activities will be reported for the expansion of the international collaborations. The format of the conference will be online, possibly with a few local venues.

The APCMP WEEK will be organized between November and December, in which various activities of condensed matter physics will be involved, such as a workshop, seminar, discussion meeting, public event, etc., including local activities in each association of AAPPS.

The DCMP wishes that AC²MP2021 and APCMP WEEK will activate the international exchange and the collaborations in the condensed matter physics. On behalf of the organizers, I am pleased to invite you to join these activities.

The Chairperson of DCMP
Prof. Je-Geun Park
Seoul National University

Specialty of Conference

1. *Tutorial lectures on current topics*
2. *Keynote talks by the leading scientists*
3. *Session dedicated for young invited speakers.*
4. *Combination of short oral talks and interactive discussions.*
5. *Free participation fee*

Topics of Conference

Scientific sessions cover a wide range of condensed matter physics, including the following subjects—the organizer welcomes varieties of other subjects and interdisciplinary topics not listed below.

- A. Strongly Correlated Electron Systems, Superconductivity, Quantum Materials
- B. Topological Materials and Physics, 2D Materials, Semiconductors
- C. Spintronics, Device Physics, Functional Materials
- D: Magnetic and Ferroelectric Materials
- E: X-ray and Neutron, Muon for Condensed Matter Physics
- F: Extreme condition, High Pressure Physics, High Magnetic Fields, Ultra-low temperature
- G: Optical Physics, Laser Spectroscopy
- H: Biomaterial, Complex System, Molecular Materials
- I: Quantum Information
- J: Computational and Theoretical Physics

Web site: <http://www.aapps-dcmp.org> Meeting/Event-Conference
https://apctp.org/theme/d/html/activities/activities01_read.php?id=1600

Participating Events

To be announced

Organizer

The division of condensed matter physics in AAPPS

Important Dates

September 3rd, Announcement and the 1st circular out
September 10th, Website open for presentation submission
October 4th, Submission of presentation close
October 18th, Speaker Decisions
November 8th, Final program

Organizing Committee

J-G. Park(Seoul National Univ.)

H. Nojiri(Tohoku Univ.)

Y-P. Chiu(National Taiwan Univ.)

S. M. Yusuf(Bhabha Atomic Research Centre)

K-W. Choi(Sungkyunkwan Univ.)

F-C. Chuang(National Sun Yat-Sen Univ.)

L. Lu(The Institute of Physics, CAS)
T. Sakai(Univ. of Hyogo)

V. Nanal(Tata Institute of Fundamental Research)
H-H. Wen(Nanjing Univ.)

Program Committee

H. Nojiri(Tohoku Univ.)
A.V. Gopal((Tata Institute of Fundamental Research)
T-H. Kim(POSTECH)
Y. Matsuda(Univ. Tokyo)

C-H. Yang(KAIST)

D. Feng(Fudan Univ.)
Y. J. Kao(National Taiwan Univ.)
C-W. Luo(National Yang-Ming Chiao-Tung Univ.)
S. Narasimhan(Jawaharlal Nehru Centre for Advanced
Scientific Research)
S. Zhou(Tsinghua University)

Local Organizing Committee

Secretary
Web site
Online conference
TBA

K. W. Choi(Sungkyunkwan Univ.)
T-H. Kim(POSTECH)
C-H. Yang(KAIST)

Contact : AC²MP2021 Secretary, Prof. K. W. Choi(Sungkyunkwan Univ.)
E-mail: ac2mp2021_at_gmail.com