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 Masato Miyake (Ritsumeikan Univ.)

Main conference hall Ritsumeikan Univ. Rohm Plaza



JKC-FE14

14th Japan-Korea Conference on Ferroelectrics

Innovative Ferroelectrics Challenges for Novel Science and Applications



Dates Aug. 29th-Sep. 1st, 2024

Location Ritsumeikan Univ. Biwako-
Kusatsu Campus, Kusatsu, Shiga, Japan

Website
<https://www.ritsumei.ac.jp/~kore/jkcfe14/>



Conference Dinner at
Biwako Ohtsu Prince Hotel



Lake Biwa (Biwako)

Timetable (tentative)

	29th Aug. (Thu)	30th Aug. (Fri)	31st Aug. (Sat)	1st Sep. (Sun)
9:00		Opening	Plenary 2	Keynote
10:00		Plenary 1		
11:00		Oral Session	Oral Session	Closing
12:00				
13:00		Lunch	Lunch	Lunch Excursion
14:00				
15:00		Oral Session	Oral Session	
16:00				
17:00				
18:00	Registration Welcome Reception	Poster Session	Transportation	
19:00			Conference Dinner	
20:00				

The conference will proceed in a single session.

Deadlines

Abstract Submission July 7th, 2024

Notification of Acceptance July 21st, 2024

Early Bird Registration July 19th, 2024

Abstract Submission

Abstract files should be submitted at Abstract page of the conference website. A google account is needed for online uploads. Without a google account, please send your file by email to:

jkc-fe14@kore-lab.org

The template can be downloaded from the conference web site.

Oral presentations will be selected from the contributed papers by Program Committee.

Contact

JKC-FE14 Secretariat

Department of Physics, College of Science and Technology, Ritsumeikan University, 1-1-1 Noji-higashi, Kusatsu, Shiga, 525-8577 Japan

Phone : +81-77-599-4337

E-mail : jkc-fe14@kore-lab.org

Welcome to JKC-FE14

We are pleased to announce that the 14th Japan-Korea Conference on Ferroelectricity (JKC-FE14) will be held at Ritsumeikan University, Kusatsu, Shiga, Japan, from August 29th to September 1st, 2024.

The conference will be continued with the successful previous meetings, held first at Pusan National University in 1994, followed by Hokkaido University in 1996, Kyongju TEMF Hotel in 1999, Osaka University in 2002, Seoul National University in 2004, and Tohoku University in 2006, Cheju National University in 2008, Egret Himeji in 2010, University of Ulsan in 2012, International Convention Center Hiroshima in 2014, Sungkyunkwan Univ. in 2016, Nara Hotel in 2018, and Westin Josun Hotel, Busan in 2022.

The conference will cover all areas of ferroelectrics in both theories and experiments, ranging from fundamentals to applications. The primary goal is to promote binational cooperation between Japanese and Korean scientists and to exchange new ideas and results on ferroelectrics research works. JKC-FE14 is strongly conscious of "Innovative Ferroelectrics : Challenges for Novel Science and Applications". Therefore, the presentations of researches on ferroelectrics and related fields are cordially invited to enhance the innovative research based on the interdisciplinary approach. Students and young researchers are particularly encouraged to participate and share the spirit of the conference.

Conference Topics

- Theory, Simulation, Modeling and First Principles Calculations
- Phase Transitions and Critical Phenomena
- Domain Structure, Dynamics and Engineering
- Surface, Interface and Defects,
- Growth of crystals, Processing of materials, Thin films, Superlattices, Nano-structured Ferroelectrics
- Dielectric, Piezoelectric, Pyroelectric, Electrocaloric Properties
- Multiferroics, Relaxor Ferroelectrics, Polymers and Organic Ferroelectrics, Ferroelectric Composites
- Optical Properties and Nonlinear Phenomena
- Raman, IR, sub-millimeter, THz, microwave spectroscopy;
- Probing the nanoscale ferroelectric behavior and size effects
- Ferroelectric-semiconductor integration;
- Materials Characterization Techniques
- Applications : FRAMs, Sensors, Actuators, Microwave Devices, MEMS, Energy Harvesting
- New Trends in Ferroelectric and Related Materials

Speakers

Plenary Lectures

Naoshi Ikeda (Okayama Univ., Japan)

Seungbum Hong (KAIST, Korea)

Keynote Lectures

Cheol Seong Hwang (Seoul National Univ., Korea)

Invited Speakers

Seung Chul Chae (Seoul National University)

Si-Young Choi (POSTECH)

Woo Seok Choi (Sungkyunkwan University)

Yoon Heo (Inha University)

Hyungjeen Jeon (Pusan National University)

Wook Jo (UNIST)

Jang-Sik Lee (POSTECH)

Jun Hee Lee (UNIST)

Hiroki Matsuo (Kumamoto Univ.)

Seiji Nakashima (Hyogo Pref. Univ.)

Daisuke Morikawa (Tohoku Univ.)

Kim Sangwook (Hiroshima Univ.)

Ayako Taguchi (Japan Fine Ceramics Center)

Ken Takeuchi (Univ. of Tokyo)

Takashi Teranishi (Okayama Univ.)

Shinya Tsukada (Shimane Univ.)

Social Events

- **Welcome Reception:** 29th Aug, 17:00- Rohm Plaza
- **Committee Meeting:** 30th 12:00-13:30
- **Excursion:** 1st Sep, 11:00-15:00 (Under Consideration)
- *Nominated places and events:*
 1. Lake Biwa cruising with lunch box (Ohtsu Port)
 2. Mt. Hiei and Enryakuji Temple
 3. Koga Ninja Village
 4. Biwako Museum (Aquarium)
- **Conference Dinner :** 31th Aug, 19:00- Biwako Ohtsu Prince Hotel



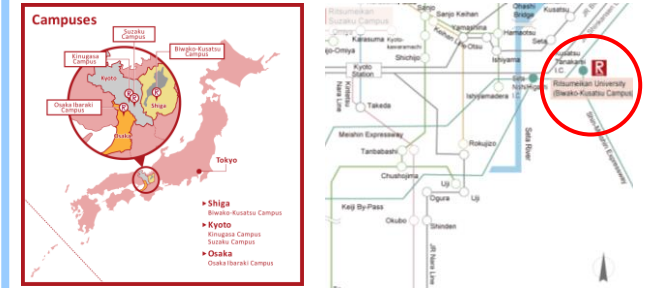
<https://www.biwakokisen.co.jp/cruisemichigan/>



<https://syukubo.jp/taiken/>

Location

The conference will be held at Rohm Plaza in Ritsumeikan University Biwako-Kusatsu Campus (BKC), Kusatsu, Shiga. Shiga is **next to Kyoto** and is easily accessible from the JR Kyoto station. Shiga is famous for Lake Biwa, the largest lake in Japan.

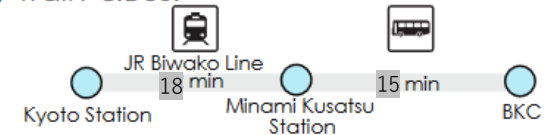


Getting to Kyoto Station from:

- Tokyo - 2.5 hours by JR Shinkansen (Bullet Train)
- Kansai International Airport - 1 hr. 15 min. by JR Limited Express "Haruka" train
- Nagoya - 40 min. by JR Shinkansen (Bullet Train)

Getting to BKC from Kyoto Station

By Train* & Bus:



Registration Fee

Credit card and Bank Transfer are available

	Before July 19th	July 20 th ~
Regular	45,000 JPY	50,000 JPY
Student/Retired	25,000 JPY	30,000 JPY
Accompanying	25,000 JPY	30,000 JPY