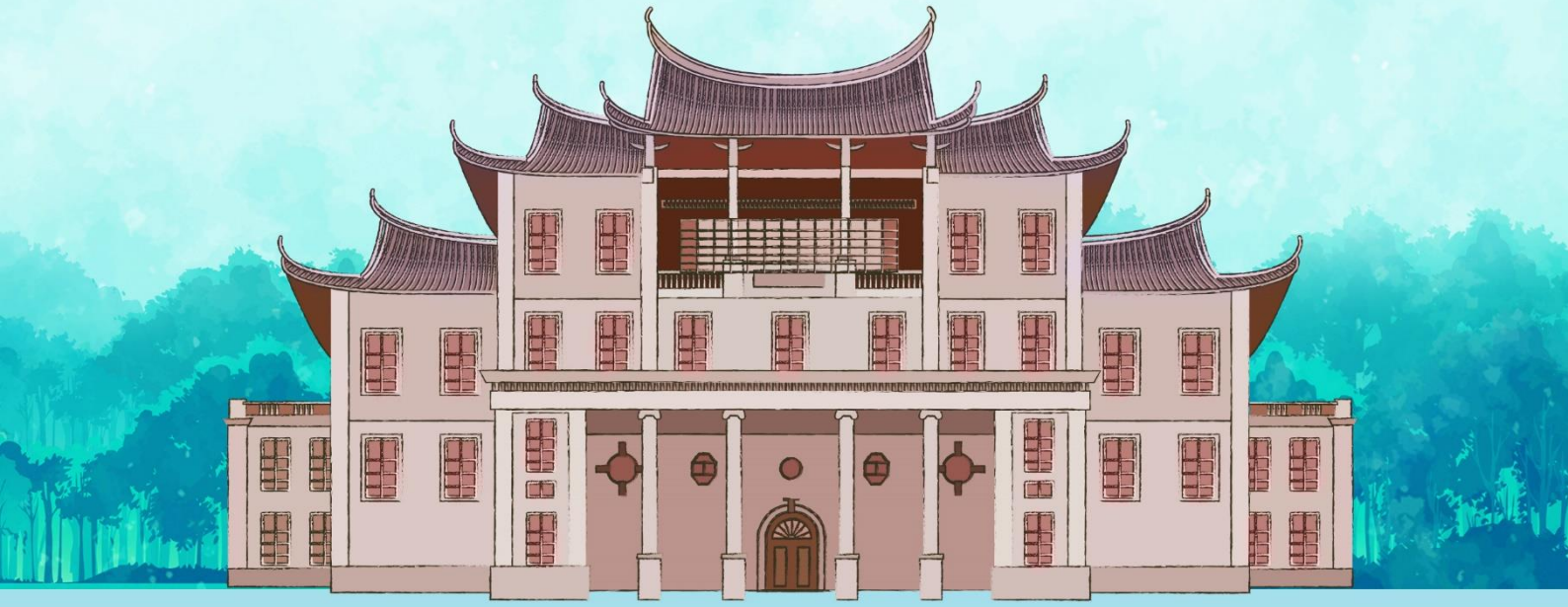
ICCF-23

The 23rd International Conference on Condensed Matter Nuclear Science

June 9-11, 2021

Xiamen, China



Innovation Laboratory for Sciences and Technologies of Energy Materials of Fujian Province (IKKEM), Xiamen, China

State Key Laboratory of Physical Chemistry of Solid Surfaces, Xiamen University, Xiamen, China

http://ikkem.com/iccf-23.php

Chairs' Message

ICCF, initiated from 1990, has been successfully held 22 editions in various locations, including USA (1990, 1993, 2003, 2008, 2013, 2018), Italy (1991, 2000, 2009, 2015, 2019), Japan (1992, 1996, 2005, 2016), Monaco (1995), Canada (1998), China (2002), France (2004), Russia (2007), India (2011), and South Korea (2012). ICCF has a long history and continues to be a place where information is shared by leading researchers working in a wide variety of scientific areas with a common interest in Condensed Matter Nuclear Science.

Due to recent conditions especially travel restrictions related to the Covid-19 pandemic, the ICCF-23 is to be held online, during June 9-11 2021, in Xiamen, China. The ICCF-23 on virtual is organized by the Innovation Laboratory for Sciences and Technologies of Energy Materials of Fujian Province (IKKEM), Xiamen, China and the State Key Laboratory of Physical Chemistry of Solid Surfaces (PCOSS), Xiamen University, Xiamen, China.

The scientific programme of the ICCF-23 consists of 46 oral presentations (10 esteemed plenary lectures, 22 invited and 14 oral talks) and 39 posters. It covers a wide range of topics including heat production, transmutations, radiation and other measurements, theoretical and computational studies, applications, and so on.

We are grateful to the conference sponsors of the ICCF-23: Yushi Energy Group (China), Xiamen University Education Foundation of North America, and New Energy Power System, LLC (USA) for their generous contributions. Appreciation also goes to IKKEM and PCOSS for the co-organizing support. Finally, and most importantly, we thank all members of the Local Organizing Committee and International Advisory Committee for the tremendous organizing work and helpful conference organizational advices.

We hope all of you enjoy the ICCF-23 on virtual!

Zhong-Qun Tian, Chair, ICCF-23
Xiamen University, China

Kang Shi, Vice Chair, ICCF-23
Xiamen University, China

Han-Tao Zhou, Vice Chair, ICCF-23
Xiamen University, China

Wu-Shou Zhang, Vice Chair, ICCF-23
Institute of Chemistry, CAS, China

Organizing Committee

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Programme Schedule

***Please visit http://ikkem.com/iccf-23_program.php for update**

***Please click on presentation titles to access the abstracts**

CST (GMT+8)	Day 1 (9 June 2021, Wednesday)	EDT (GMT-4)	PDT (GMT-7)	CEST (GMT+2)
9th June	**Session 1a** **Chair**: Yasuhiro IWAMURA (JST 9:30-12:40) & Wu-Shou ZHANG	**8th June**	**8th June**	**9th June**
08:30-08:50	**Opening Ceremony**	20:30-20:50	17:30-17:50	2:30-2:50
08:50-09:20	**Plenary Talk 1**: *A Perspective from the Google Group* Matthew D. TREVITHICK (Google LLC, USA, Hawaii Time 14:50-15:20 8th June)	20:50-21:20	17:50-18:20	2:50-3:20
09:20-09:50	**Plenary Talk 2**: *Ternary Hydrides* Ping CHEN (Dalian Institute of Chemical Physics, CAS, China)	21:20-21:50	18:20-18:50	3:20-3:50
09:50-10:10	**Invited Talk 1**: *Progress Towards Replication; Revisited* Michael MCKUBRE (SRI International, USA, New Zealand Time 13:50-14:10)	21:50-22:10	18:50-19:10	3:50-4:10
10:10-10:20	Break	22:10-22:20	19:10-19:20	4:10-4:20
10:20-10:40	**Invited Talk 2**: *A Lattice Energy Converter* Frank GORDON (SPAWAR Systems Center Pacific, USA, PDT 19:20-19:40 8th June)	22:20-22:40	19:20-19:40	4:20-4:40
10:40-11:00	**Invited Talk 3**: *Direct Measurement Confirming Generation of Excess Heat* Prahlada RAMARAO (Vivekananda Yoga Anusandhana Samsthana, India, New Delhi Time 8:10-8:30)	22:40-23:00	19:40-20:00	4:40-5:00
11:00-11:20	**Invited Talk 4**: *Ultra-high Density Cluster Enabled LENR* George MILEY (University of Illinois, USA, Illinois Time 22:00-22:20 8th June)	23:00-23:20	20:00-20:20	5:00-5:20
11:20-11:40	**Oral Presentation 1**: *Long Term Anomalous Heat From 9 nm Pd Nanoparticles in an Electrochemical Cell* Graham HUBLER (University of Missouri, USA, 22:20-22:40 8th June)	23:20-23:40	20:20-20:40	5:20-5:40
9th June	**Session 1b** **Chair**: Jian TIAN (CEST 8:30-10:50) & Anatoly KLIMOV (Moscow Time 9:30-11:50)	**9th June**	**8th -9th June**	**9th June**
14:30-15:00	**Plenary Talk 3**: *Progress in Energy Generation Research Using Nano-Metal with Hydrogen/Deuterium Gas* Yasuhiro IWAMURA (Tohoku University, Japan, JST 15:30-16:00)	2:30-3:00	23:30-0:00	8:30-9:00

15:00-15:20	**Invited Talk 5**: *European Union's Project: Clean Energy from Hydrogen-Metal Systems* Konrad CZERSKI (University of Szczecin, Poland, CEST 9:00-9:20)	3:00-3:20	0:00-0:20	9:00-9:20
15:20-15:40	**Oral Presentation 2**: *Temperature and Pressure Dependence of Anomalous Heat Generation Occurring in Hydrogen Gas Absorption by Metal Powder* Tomotaka KOBAYASHI (Waseda University, Japan, JST 16:20-16:40)	3:20-3:40	0:20-0:40	9:20-9:40
15:40-15:50	Break	3:40-3:50	0:40-0:50	9:40-9:50
15:50-16:10	**Invited Talk 6**: *Plasmonic Condensed Matter Nuclear Fusion* Katsuaki TANABE (Kyoto University, Japan, JST 16:50-17:10)	3:50-4:10	0:50-1:10	9:50-10:10
16:10-16:30	**Invited Talk 7**: *Laser Induced Transmutation in Palladium Thin Films in Hydrogen Atmosphere* Jean-Paul BIBERIAN (Aix-Marseilles University, France, CEST 10:10-10:30)	4:10-4:30	1:10-1:30	10:10-10:30
16:30-16:50	**Invited Talk 8**: *Electrodeposition of Hydrogen Adatoms on Graphene* Dong-Ping ZHAN (Xiamen University, China)	4:30-4:50	1:30-1:50	10:30-10:50
16:50-19:00	Poster	4:50-7:00	1:50-4:00	10:50-13:00
9th June	**Session 1c** **Chair**: David J. NAGEL (EDT 7:30-9:00) & Wu-Shou ZHANG	**9th June**	**9th June**	**9th June**
19:30-20:00	**Plenary Talk 4**: *Progress in Nano-Metal Hydrogen Energy* Akito TAKAHASHI (Technova Inc., Japan, JST 20:30-21:00)	7:30-8:00	4:30-5:00	13:30-14:00
20:00-20:20	**Invited Talk 9:** *Hydrogen Isotope Separation Through Two-Dimensional Crystals* Sheng HU (Xiamen University, China)	8:00-8:20	5:00-5:20	14:00-14:20
20:20-21:20	**Group photo (Screenshot) & Discussion** Discussion leader: David J. NAGEL (EDT 8:00-9:00) & Wu-Shou ZHANG	8:20-9:20	5:20-6:20	14:20-15:20
Time (GMT+8)	**Day 2 (10 June 2021, Thursday)**	**EDT (GMT-4)**	**PDT (GMT-7)**	**CEST (GMT+2)**
10th June	**Session 2a** **Chair:** Steve KATINSKY (EDT 20:30-23:40 9th June) & Robert DUNCAN (PDT 17:30-20:40 9th June)	**9th June**	**9th June**	**10th June**
08:30-09:00	**Plenary Talk 5**: *Conventional Fusion in an Unconventional Place* Lawrence P. FORSLEY (Global Energy Corporation, USA, PDT 17:30-18:00 9th June)	20:30-21:00	17:30-18:00	2:30-3:00
09:00-09:30	**Plenary Talk 6**: *Some Novel Analytical Techniques Applied to LENR Active Materials* Francis TANZELLA (Energy Research Center LLC, USA, PDT 18:00-18:30 9th June)	21:00-21:30	18:00-18:30	3:00-3:30
09:30-09:50	**Invited Talk 10**: *Input Stimuli and Output Signals in LENR Experiments* David J. NAGEL (George Washington University, USA, EDT 21:30-21:50 9th June)	21:30-21:50	18:30-18:50	3:30-3:50

09:50-10:10	**Invited Talk 10**: *Review of Cavitation Induced Effects* Roger S. STRINGHAM (Firstgate Energy, USA, PDT 18:50-19:10 9th June)	21:50-22:10	18:50-19:10	3:50-4:10
10:10-10:20	Break	22:10-22:20	19:10-19:20	4:10-4:20
10:20-10:40	**Invited Talk 12**: *Early Excess Power Using NRL Pd-B Cathodes* Melvin H. MILES (Dixie State University, USA, EDT 22:20-22:40 9th June)	22:20-22:40	19:20-19:40	4:20-4:40
10:40-11:00	**Invited Talk 13**: *Excess Heats in a Pd(Pt)-LiOD+D2O Reflux Open-Electrolytic Cell* Wu-Shou ZHANG (Institute of Chemistry, CAS, China)	22:40-23:00	19:40-20:00	4:40-5:00
11:00-11:20	**Invited Talk 14**: *Abnormal Enhancement of Nuclear Reaction in Extreme Environments Studied by Ion Beam Experiments* Tie-Shan WANG (Lanzhou University, China)	23:00-23:20	20:00-20:20	5:00-5:20
11:20-11:40	**Oral Presentation 3**: *Progress of Reproducing the Mizuno's Experiment in QiuRan Lab* Hang ZHANG (Qiuran Lab., China)	23:20-23:40	20:20-20:40	5:20-5:40
10th June	**Session 2b** **Chair**: Michael MCKUBRE (New Zealand Time 18:30-20:50) & Francesco CELANI (CEST 8:30-10:50)	**10th June**	**9th-10th June**	**10th June**
14:30-15:00	**Plenary Talk 7**: *Huge Variety of Nuclides that Arise in the LENR Processes. Attempt at Explanation* Alex G. PARKHOMOV (KIT R&D Laboratory, Russia, Moscow Time 9:30-10:00)	2:30-3:00	23:30-0:00	8:30-9:00
15:00-15:20	**Invited Talk 15**: *Electromagnetic Excitation of Coaxially-Coiled Constantan Wires by High-Power, High-Voltage, Microsecond Pulses* Francesco CELANI (Istituto Nazionale di Fisica Nucleare, Italy, CEST 9:00-9:20)	3:00-3:20	0:00-0:20	9:00-9:20
15:20-15:40	**Oral Presentation 4**: *The Explanatory Power of the Structured Atom Model* J.E KAAL (Stichting Structured Atom Model, Netherlands, CEST 9:20-9:40)	3:20-3:40	0:20-0:40	9:20-9:40
15:40-15:50	Break	3:40-3:50	0:40-0:50	9:40-9:50
15:50-16:10	**Invited Talk 16**: *Decay-Instability of Transmutated Chemical Elements Obtained in LENR Experiment* Anatoly KLIMOV (Moscow Power Engineering Institute, Russia, Moscow Time 10:50-11:10)	3:50-4:10	0:50-1:10	9:50-10:10
16:10-16:30	**Oral Presentation 5**: Nuclear Transmutations Are Better Facilitated by Alloys Over Pure Metal Cathodes in Electrolysis Ankit KUMAR (Indian Institute of Technology, India, New Delhi Time 13:40-14:00)	4:10-4:30	1:10-1:30	10:10-10:30
16:30-16:50	**Oral Presentation 6**: *Artificial Radioactivity in the Nonequlibrium Plasma of the Glow Discharge in Pd-D and Ni-H from the Point of View of Nuclear-Chemical Reactions* Irina SAVVATIMOVA (MEPHI, Russia, Moscow Time 11:30-11:50)	4:30-4:50	1:30-1:50	10:30-10:50
16:50-19:00	Poster	4:50-7:00	1:50-4:00	10:50-13:00

10th June	**Session 2c** **Chair**: Jean-Paul BIBERIAN (CEST 13:30-15:30) & Yasuhiro IWAMURA (JST 20:30-22:30)	**10th June**	**10th June**	**10th June**
19:30-20:00	**Plenary Talk 8**: *Recent Progress on Phonon-Nuclear Theoretical Models* Peter L. HAGELSTEIN (Massachusetts Institute of Technology, USA, EDT 7:30-8:00)	7:30-8:00	4:30-5:00	13:30-14:00
20:00-20:50	**Discussion** Dicussion leader: Jean-Paul BIBERIAN (CEST 14:00-14:50) and Yasuhiro IWAMURA (JST 21:00-21:50)	8:00-8:50	5:00-5:50	14:00-14:50
20:50-21:30	International Advisory Committee Meeting	8:50-9:30	5:50-6:30	14:50-15:30
Time (GMT+8)	**Day 3 (11 June 2021, Friday)**	**EDT (GMT-4)**	**PDT (GMT-7)**	**CEST (GMT+2)**
11th June	**Session 3a** **Chair**: Jirohta KASAGI (JST 9:30-12:30 11th June) & Francis TANZELLA (PDT 17:30-20:30 10th June)	**10th June**	**10th June**	**11th June**
08:30-09:00	**Plenary Talk 9**: *The Nature of the D+D Fusion Reaction in Palladium and Nickel* Edmund STORMS (Kiva Labs, USA, EDT 20:30-21:00 10th June)	20:30-21:00	17:30-18:00	2:30-3:00
09:00-09:20	**Oral Presentation 7**: *Where and How LENR Occur* David J. NAGEL (George Washington University, USA, EDT 21:00-21:20 10th June)	21:00-21:20	18:00-18:20	3:00-3:20
09:20-09:40	**Invited Talk 17**: *CF/LANR Excess Heat Activates Shape Memory Alloys* Mitchell R. SWARTZ (JET Energy Inc., USA, EDT 21:20-21:40 10th June)	21:20-21:40	18:20-18:40	3:20-3:40
09:40-10:00	**Invited Talk 18**: *Radiant Calorimetry of Excess Heat Production in NiCu Multilayer Foil with Hydrogen Gas* Jirohta KASAGI (Tohoku University, Japan, JST 10:40-11:00)	21:40-22:00	18:40-19:00	3:40-4:00
10:00-10:10	Break	22:00-22:10	19:00-19:10	4:00-4:10
10:10-10:30	**Invited Talk 19**: *The Electromagnetic Considerations of the Nuclear Force, Part II: The Determination of the Lowest Energy Configurations for Nuclei* N. L. BOWEN (Colorado Mountain College, USA, EDT 22:10-22:30 10th June)	22:10-22:30	19:10-19:30	4:10-4:30
10:30-10:50	**Invited Talk 20**: *A Role for Relativity in Cold Fusion* Andrew MEULENBERG (Science for Humanity Trust Inc., USA, EDT 22:30-22:50 10th June)	22:30-22:50	19:30-19:50	4:30-4:50
10:50-11:10	**Invited Talk 21**: *Can the Collective Emission of the Excited Surface Phonon Trigger low-Energy Nuclear Reactions?* Song-Yuan DING (Xiamen University, China)	22:50-23:10	19:50-20:10	4:50-5:10
11:10-11:30	**Oral Presentation 8**: *Phonon Assisted Fusion* S Dana SECCOMBE (Tactyx, USA, EDT 23:10-23:30 10th June)	23:10-23:30	20:10-20:30	5:10-5:30

11th June	**Session 3b** **Chair**: Vittorio VIOLANTE (CEST 8:30-10:40) & Tie-Shan WANG	**11th June**	**10th-11th June**	**11th June**
14:30-14:50	**Invited Talk 22**: *Excess Energy From Heat-Exchange Systems* Bin-Juine HUANG (Taiwan University, Taiwan, China)	2:30-2:50	23:30-23:50	8:30-8:50
14:50-15:10	**Oral Presentation 9**: *Correlated Quantum States in LENR: First Exciting Results From an Experimental Test* Sergio BARTALUCCI (INFN, Italy, CEST 8:50-9:10)	2:50-3:10	23:50-0:10	8:50-9:10
15:10-15:30	**Oral Presentation 10**: *LENR Solution of the Cosmological Lithium Problem* Vladimir VYSOTSKII (Kiev National Shevchenko University, Ukraine, CEST 9:10-9:30)	3:10-3:30	0:10-0:30	9:10-9:30
15:30-15:40	Break	3:30-3:40	0:30-0:40	9:30-9:40
15:40-16:00	**Oral Presentation 11**: *Abnormal Absorption of Hydrogen in Nickel at Ambient Temperature With Associated Emission of Neutrons* Ubaldo MASTROMATTEO (ARGAL, Italy, CEST 9:40-10:00)	3:40-4:00	0:40-1:00	9:40-10:00
16:00-16:20	**Oral Presentation 12**: *Atomic Nuclei Binding Energy Similarities between Binding Energy Values of Chemical Elements: Example of Nickel and Copper* Philippe HATT (Belgium, CEST 10:00-10:20)	4:00-4:20	1:00-1:20	10:00-10:20
16:20-16:40	**Oral Presentation 13**: *Error Analysis in D(H)/Pd Gas-Loading System* Xing-Ye WANG (Changchun University of Science and Technology, China)	4:20-4:40	1:20-1:40	10:20-10:40
16:40-19:00	Poster	4:40-7:00	1:40-4:00	10:40-13:00
11th June	**Session 3c** **Chair**: Peter L. HAGELSTEIN (EDT 7:30-9:40) & Frank GORDON (PDT 4:30-6:40)	**11th June**	**11th June**	**11th June**
19:30-20:00	**Plenary Talk 10**: *Experimental Setup for Studying Rydberg Matter of Hydrogen* Sveinn ÓLAFSSON (University of Iceland, Iceland, Iceland time 11:30-12:00)	7:30-8:00	4:30-5:00	13:30-14:00
20:00-20:20	**Oral Presentation 14**: *Spectro-Electrochemical Characterization of Ultra-Thin Film of Pd-H/D Single-Crystal Electrode and Au@Pd Nanoparticles* Zhong-Qun TIAN (Xiamen University, China)	8:00-8:20	5:00-5:20	14:00-14:20
20:20-21:20	**Discussion** Discussion leader: Peter L. HAGELSTEIN (EDT 8:20-9:20) and Frank GORDON (PDT 5:20-6:20)	8:20-9:20	5:20-6:20	14:20-15:20
21:20-21:40	**Closing Session**	9:20-9:40	6:20-6:40	15:20-15:40

3-Minute Poster Presentations

***Please visit http://ikkem.com/iccf23_3min.php for update**

***Please click on hyperlinks to access abstracts / pre-recorded poster presentations**

Presentation ID	Title	Theme	Abstract /Presentation	Presenter
ICCF23-P-01	Discrepancies with the Recent Models of Nucleons	Theoretical and Computational Studies	Abstract/Video	N. L. Bowen
ICCF23-P-02	Hydrogen Reacted Nickel Electrodes for Nuclear Power-Cell Manufacturing by Low Energy Nuclear Reactions (LENRs)	Modeling and Simulation	Abstract/Video	Tae Ho Woo
ICCF23-P-03	Analysis of Thermodynamic Optimization for Nickel Catalyzed Reactor in Low Energy Nuclear Reactions (LENRs)	Heat Production	Abstract/Video	Tae Ho Woo
ICCF23-P-04	Visible Blue-white Scintillation by Energetic Charged Particle Emission from Ni Film Cathode in Light Water Electrolysis at Room Temperature	Electrochemical Experiments	Abstract/Video	Hiroshi Yamada
ICCF23-P-05	Formation of hydrogen miniatoms in the medium of free electrons –the key to the mechanism of low-energy nuclear reactions	Theoretical and Computational Studies	Abstract/PPT	V. A. Kirkinskii
ICCF23-P-06	Calorimetry for Low Energy Nuclear Reactions (LENRs) in Hydrogen Pressurized Nanoparticles	Heat Production	Abstract/Poster/Video	Ben Peecher
ICCF23-P-07	On the Mechanism of Realization of Low-Energy Nuclear Reactions in Low-Temperature Plasma	Theoretical and Computational Studies	Abstract/PPT	S. F. Timashev
ICCF23-P-08	A single electro dynamical force field with gradients of electrical potential and gas dynamic pressure for all known interactions in condensed and non-condensed matter with examples of exact and numerical solutions	Modeling and Simulation	Abstract/PPT	M. Ja. Ivanov

ICCF23-P-09	Conservation laws in string theory of condensed matter for modelingof electromagnetic and gravitational force fields	Theoretical and Computational Studies	Abstract/PPT	M. Ja. Ivanov
ICCF23-P-10	LENR Experiment of Heterogeneous Hydrocarbon Plasma Jet Interaction with Thin Ni-Plate-Target	Heat Production	Abstract/Video	Anatoly Klimov
ICCF23-P-11	A Hypothesis of Kinetics and Dynamic Control of Nuclear Reactions in Solids	Theoretical and Computational Studies	Abstract/Video	Luciano Ondir Freire
ICCF23-P-12	A Survey on the evolution of Yearly Works on Pd-D, Ti-D and Ni-H Systems within Cold Fusion Field	Theoretical and Computational Studies	Abstract/Video	Luciano Ondir Freire
ICCF23-P-13	Some Facts About Nuclear Forces and Evidence of their Range being Longer than People Believe	Theoretical and Computational Studies	Abstract/Video	Luciano Ondir Freire
ICCF23-P-14	Functional Roadmap for Commercial Cold Fusion Systems	Approaches to Replication	Abstract/Video	Randolph R. Davis
ICCF23-P-15	Climate Change and LENR	Theoretical and Computational Studies	Abstract/Video	S Dana Seccombe
ICCF23-P-16	The principles of generating the vector potential of magnetic of and electric fields (VP MEF) and fixing the variations of the VP MEF in teal time	Theoretical and Computational Studies	Abstract/PPT	Egorov Evgeny Ivanovich
ICCF23-P-17	A Sketch of the Solid State-Nuclear Sciences	Heat Production	Abstract/Video	Hideo Kozima
ICCF23-P-18	THE PRESUMPTION OF PSEUDOSCIENCE	Heat Production	Abstract/Video	Sergei A. Tcvetkov
ICCF23-P-19	A Theory of Light Element Nuclear Reaction	Theoretical and Computational Studies	Abstract/PPT	William H. McCarthy

ICCF23-P-20	Mitigating the Loss of Irreplaceable LENR Research Records: Initiative Update	Approaches to Replication	Abstract/Video	Thomas W. Grimshaw
ICCF23-P-21	A Possible Heuristic Explanation of Exotic Vacuum Objects (EVO's, Charge Clusters)	Modeling and Simulation	Abstract/Video	Graham Hubler
ICCF23-P-22	The structure of the planet Earth as "Cold" temperature and pressure	Plasma Experiments	Abstract	G. V. Tarassenko
ICCF23-P-23	Electrical discharges in loose « flour» rocks	Hot Gas Experiments	Abstract	G. V. Tarassenko
ICCF23-P-24	Electric formation of oil and gas in the Earth's crust based on cold nuclear fusion (ICCF)	Electrochemical Experiments	Abstract	G. V. Tarassenko
ICCF23-P-25	Convolution denoising of a large volume Seebeck calorimeter	Electrochemical Experiments	Abstract/PPT	Wu-Shou Zhang
ICCF23-P-26	Cold fusion powered vehicles	Applications	Abstract	Xi-Shi Lin
ICCF23-P-27	Conductivity and molar conductivity of LiOD heavy water solution	Electrochemical Experiments	Abstract/Video	Hui Zhao
ICCF23-P-28	Direct Conversion Into Electricity:Replications	Approaches to Replication	Abstract/Poster/Video	Fabrice David
ICCF23-P-29	The Theorist's Role in Unravelling Cold Fusion Physics	Transmutations	Abstract/Video	Daniel S Szumski
ICCF23-P-30	Muon catalyzed fusion can ignite lattice-assisted nuclear reactions	Approaches to Replication	Abstract/PPT	Jozsef Garai
ICCF23-P-31	"Cold Fusion Phenomenon" of Abnormal Exothermic Heat	Theoretical and Computational Studies	Abstract	Yang Liu
ICCF23-P-32	Non-accelerator measurement of the long-range quark-lepton interactions in solids	Radiation and Other Measurements	Abstract/PPT	Vladimir G. Plekhanov
ICCF23-P-33	Optical Observation of Spontaneous Heat Burst Phenomena during Hydrogen Desorption from Nano-sized Metal composite	Heat Production	Abstract/PPT	Takehiko Itoh

ICCF23-P-34	Low energy nuclear reactions with emission of two photons	Theoretical and Computational Studies	Abstract/Video	Pankaj Jain
ICCF23-P-35	Health Risks of Microplasmoids in Transmutation/Energy Generation Experiments and Devices	Theoretical and Computational Studies	Abstract/PPT	Edward Lewis
ICCF23-P-36	LENR Transmutation of Stable Sr and K isotopes in Activated Microbiological Syntrophic Anaerobic Association	Transmutations	Abstract/Video	Vladimir Vysotskii
ICCF23-P-37	Closing the gap between the fields of nuclear quantum dynamics and condensed matter nuclear science	Theoretical and Computational Studies	Abstract/Video	Florian Metzler
ICCF23-P-38	The Reversible Thermodynamic Process and its Place in Physics	Theoretical and Computational Studies	Abstract/Video	Daniel S Szumski
ICCF23-P-39	Some preliminary thoughts on abnormal phenomena of condensed matters loaded with D/H	Review	Abstract	Zhong-Qun Tian

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Guide for Participants

Technical Requirements for Participation

To ensure a pleasant experience with attending ICCF-23 online, you are strongly encouraged to sign-up, download and install the Zoom application on your computer prior to the online conference, if you had not done so before.

I. Hardware Preparation

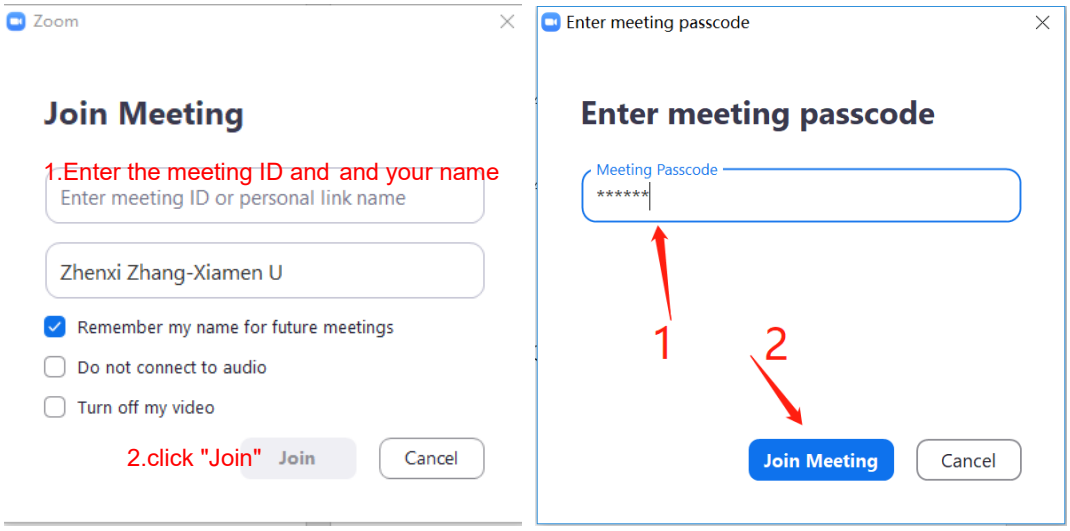
1. Personal computer (connected to cable or WiFi; please debug the devices in advance to ensure that the sound card, camera, microphone and other computer programs on the computer work properly)
2. Smartphone and/or Tablet device (it is recommended to turn on the airplane mode and connect the device to WIFI; or turn on call forwarding and use 4G/5G network in the silent mode)

II. Software Preparation

1. Personal computer: Please log in to https://zoom.us/download, and download the latest version of the software according to the computer operating system.
2. Smart phone: Search for "ZOOM" APP in the mobile app store and download the latest version.

III. Preparation for the Meeting

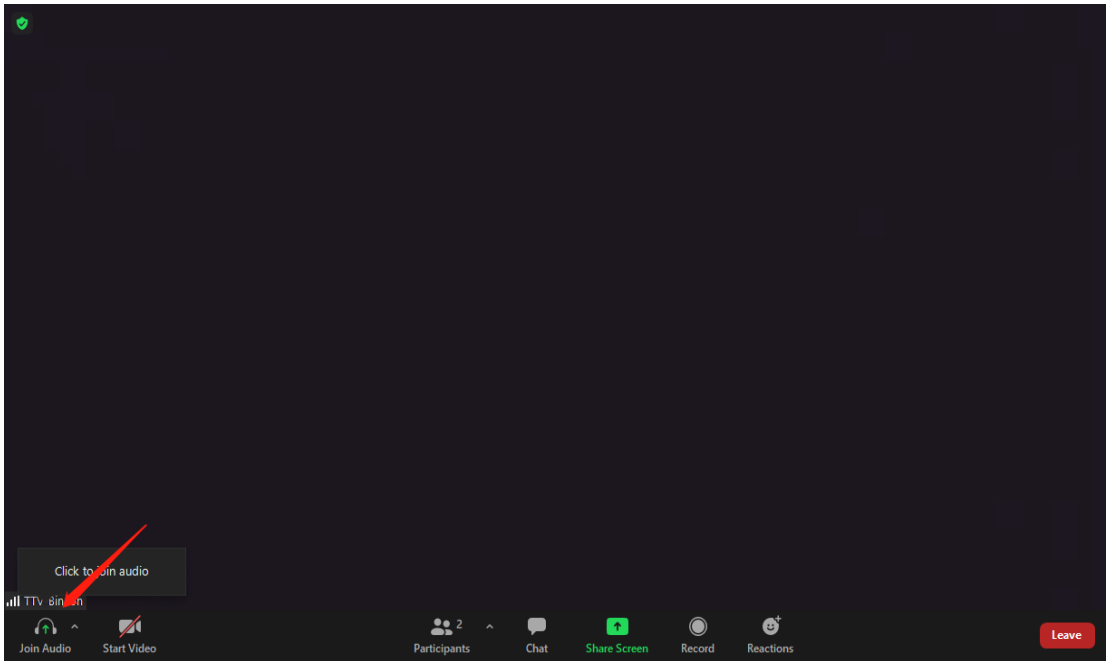
1. Click to join a meeting →enter the meeting ID and your name →enter the “Meeting Passcode” in the ZOOM software→. Please set the personal name to the " Personal name-company name" format.



2. Device debugging: After entering the software, please test the voice function of your device; Ensure that the microphone and audio/headphone device are connected correctly.

3. Turn audio on and off

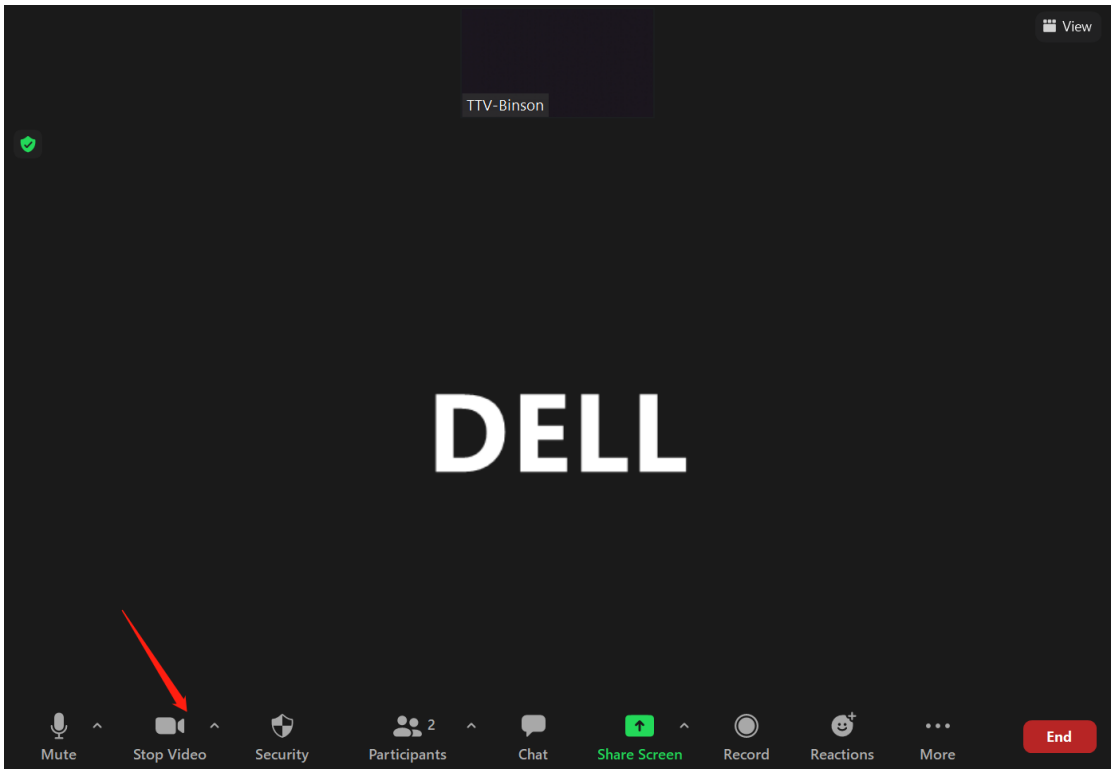
If the voice device is connected, the system displays the "microphone" icon. Click to "mute" or “unmute” (i.e. microphone icon) in the lower left corner of the video conference interface, to turn off or turn on the sound.



Click the up arrow on the right side of "mute" to select "microphone" and "speaker" devices according to the demand.

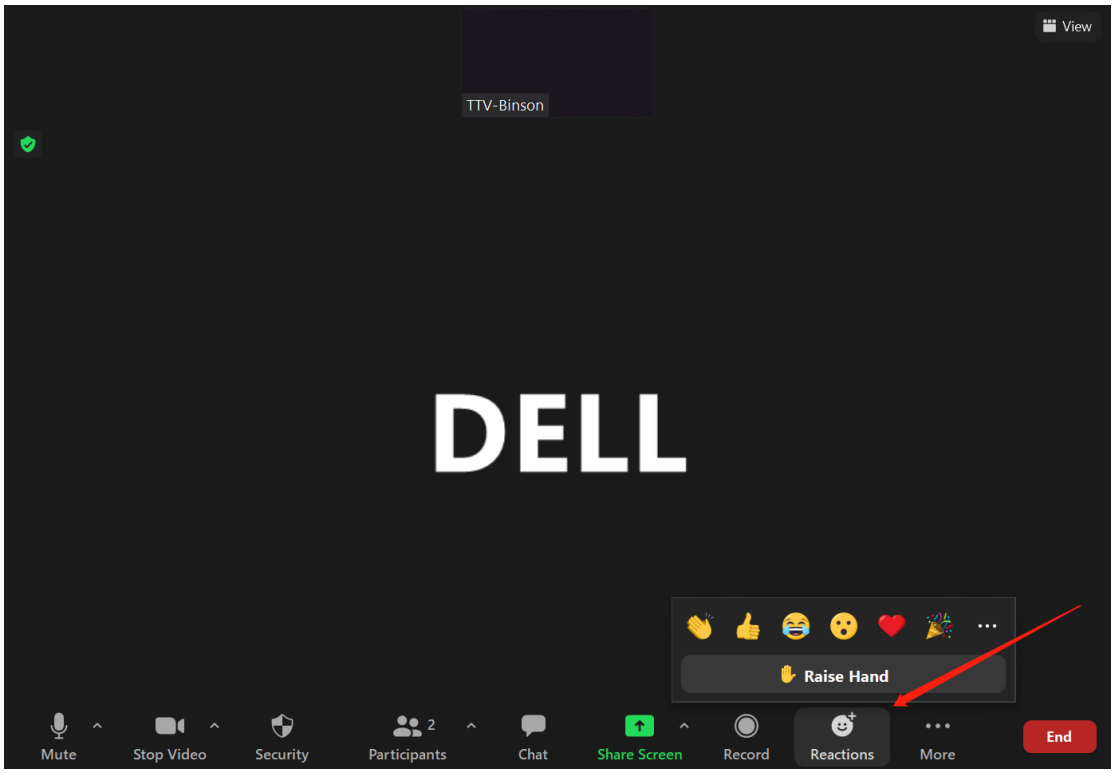
4. Turn video on and off

Click the "camera" icon to turn the camera on or off.



5. raise hands

For the sake of keeping silence, participants can click “reactions” and select “Raise your hand” in the pop-up function interface, to notify the conference host that you have something to say. After receiving the notice, the host will unmute you and you can speak.

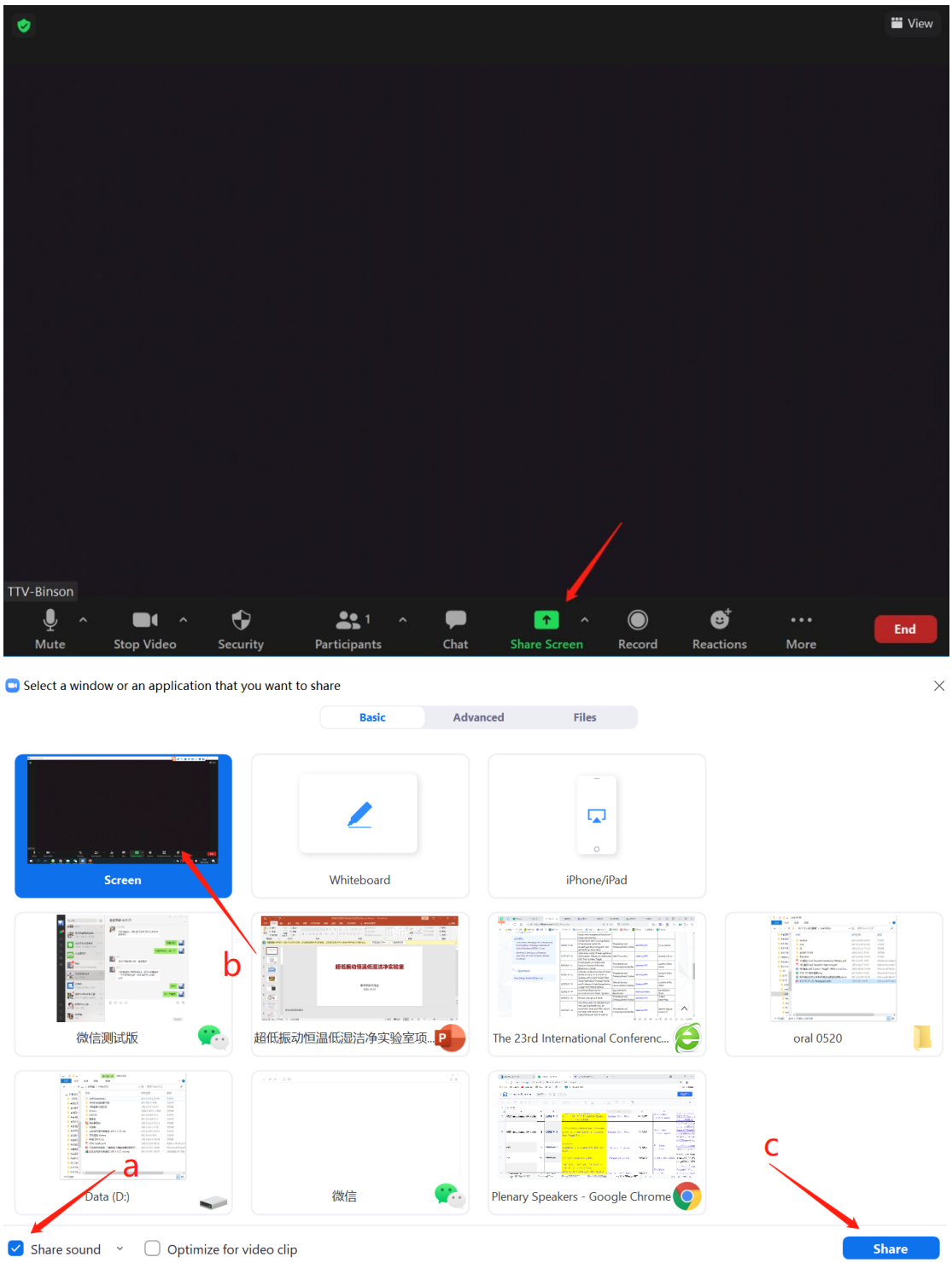


IV. PPT Sharing

Open the prepared PPT file first.

Click "Share Screen" - then click "Share".

Click "Stop Sharing" in red at the top of the window to terminate the sharing.


View
TTV-Binson
Mute
Stop Video
Security
Participants
Chat
Share Screen
Record
Reactions
More
End
Select a window or an application that you want to share
Basic
Advanced
Files
Screen
Whiteboard
iPhone/iPad
b
微信测试版
超低振动恒温低湿洁净实验室项...
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a
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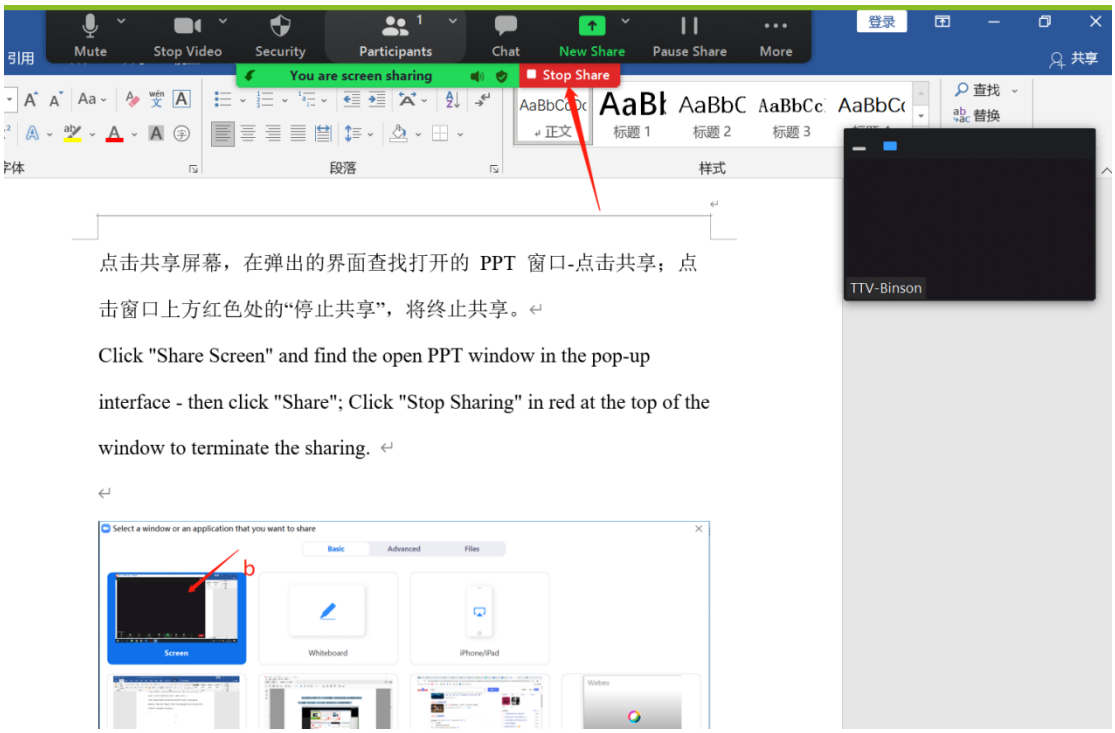
Optimize for video clip
Share



VI. Matters Needing Attention

1. Participants, especially speakers, shall join the meeting (by clicking "Join") in advance.

2. To ensure the orderly progress of the meeting, all participants are set to "mute" mode by default, and you can click "Unmute" to speak.

3. To achieve a high-quality and efficient meeting, it is suggested that speakers should be prepared according to the length of their speeches.