

8th International Conference on Women in Physics (ICWIP 2023)

Sunday 09 July 2023 - Friday 14 July 2023

Programme

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Sunday 09 July 2023

Satellite Workshops: Workshop 2: Combating Biases & Improving Institutional Culture (09 July 14:30-16:30)

- Conveners: Prof. nanal, vandana (TIFR); Dr. CHARI, Deepa (Homi Bhabha Centre for Science Education, TIFR)

Satellite Workshops: Workshop 1: Teaching Physics Online: Issues of Access & Equity in the Classroom (09 July 14:30-16:30)

- Conveners: Prof. Ramaswamy, Ram; Prof. V, Madhurima

Icebreaker/ Social Event (09 July 16:45-20:00)

- Conveners: GOSWAMI, Srubabati (Physical Research Laboratory)

Monday 10 July 2023

Inauguration (10 July 15:15-16:30)

- Conveners: Prof. Chari, Deepa

time	[id] title	presenter
15:15	[0] Opening remarks (00h05')	Prof. NANAL, Vandana (Co-chair, LOC, ICWIP)
15:20	[1] Introduction to ICWIP (00h05')	Prof. MONTES, Lilia Meza (Chair IUPAP-WG5)
15:25	[2] Overview of WiP in India (00h10')	Prof. GODBOLE, Rohini
15:35	[3] Remarks (00h05')	Prof. SOOD, A.K. (Principal Scientific Advisor, Govt of India)
15:40	[168] Remarks (00h05')	Prof. CHENGALUR, Jayaram (Director, TIFR Mumbai)
15:45	[29] Remarks (00h05')	Prof. DAWSON, Silvina-Ponce (IUPAP President Designate)
15:50	[169] Remarks (00h05')	Dr. YUSUF, S.M. (President, IPA)
15:55	[97] A glance at ICWIP2023 (00h05')	Prof. GOSWAMI, Srubabati (Physical Research Laboratory)
16:00	[5] Vote of Thanks (00h05')	Prof. V, Madhurima

Keynote talk (K1) (10 July 16:45-17:45)

- Conveners: Prof. Shastri, Prajval

time	[id]	title	presenter
16:45	[88]	Quantum Condensed Matter: A Playground for Emergent Phenomena and Complexity and why I am passionate about this field (01h00')	Prof. HALLBERG, Karen

Workshop 1-1: Physics Education (10 July 18:00-20:00)

- Conveners: Prof. Antimirova, Tetyana; Prof. Butcher, Gillian; Prof. Peng, Ruwen; Prof. Sharma, Manjula; Prof. Jolly, Pratibha

Workshop 2-1: Social Science Data Analysis for Physicists (10 July 18:00-20:00)

- Conveners: Prof. Hodari, Apriel; Prof. Chari, Deepa

Workshop 3-1: Interrogating Physics Practice with an Intersectionality Lens (10 July 18:00-20:00)

- Conveners: Prof. Shastri, Prajval; Prof. Ghose, Shohini

Tuesday 11 July 2023

Satellite workshops: Workshop 3: Presentation skills for career advancement (11 July

10:00-11:30)

- Conveners: Prof. Vig, Sarita; Prof. Bhatia, Tripta

Plenary 1 (11 July 12:00-14:00)

- Conveners: Prof. Hodari, Apriel

time	[id] title	presenter
12:00	[89] Invited talk 1: H15 My research journey: my challenges and achievements in the field of physics (01h00')	Prof. CHERJAOUI EL MOURSLI, Rajaâ
13:00	[90] Invited talk 2: Institutional Racism and Sexism in Science (01h00')	Prof. BROWN, Nathaniel

Poster-11: (Please ignore session and time assignment of individual posters. All poster presenters will be present during entire poster sessions (2:30pm to 4:30pm IST on July 11-14). - (11 July 14:30-16:30)

time	[id] title	presenter
14:30	[155] Long-Range Planning for Diversity and Equity in Nuclear Science (00h01')	Prof. MCCULLOUGH, Laura (University of Wisconsin-Stout)
14:31	[60] Gender Imbalance in Physics Education and Employment in Germany: Trends and Challenges (00h01')	Dr. TRAUlsen, Iris (Leibniz-Institut für Astrophysik Potsdam) Dr. AGANOGLU, Ruzin (German Physical Society, Working Group on Equal Opportunities) Dr. BÖHM, Ulrike (Carl Zeiss AG)
14:32	[177] Gender Equality in Physics: numbers and actions in Italy (00h01')	PIRRONE, Sara (INFN- Istituto Nazionale di Fisica Nucleare)
14:33	[117] EU policy initiatives promoting women in science: Lithuanian Women in Physics in 2023 (00h01')	Dr. SATKOVSKIENE, Dalia (Faculty of Physics, Vilnius University)
14:34	[137] Women in Physics in the Philippine Academe (00h01')	Prof. ROXAS-VILLANUEVA, Ranzivelle Marianne (University of the Philippines Los Baños)
14:35	[103] Women in physics in the United Kingdom: A review of recent policy and initiatives (00h01')	Prof. JORDAN, Sally (The Open University) Dr. CAMPBELL, Holly (UK Atomic Energy Authority) Dr. COLTMAN, Josie (AWE) SADLER, Wendy (Cardiff University/Science Made Simple) Ms. SETTY, Chethana (The Open University, United Kingdom)
14:36	[68] Women in Physics in Spain (00h01')	Prof. PASCUALA, García-Martínez (University of Valencia)
14:37	[83] Challenges for Improving the Status of Women in Physics: Insights from Bangladesh (00h01')	CHOUDHURY, Shamima (University of Dhaka)
14:38	[174] Woman in physics in Senegal (00h01')	Dr. DIA, Aichetou (Université Gaston Berger Saint Louis)
14:39	[171] Nigeria: Exploring the computational challenges of women in physics (00h01')	Prof. FUWAPE, Ibiyinka (Michael and Cecilia Ibru University, Agbarha-Otor, Delta State, Nigeria) Mrs. OBAFAYE, Aderonke (United Nations African Regional Centre for Space Science Technology and Education - English, (UN-ARCSSTE-E))

14:40	[170] Toward Gender Equity in Physics: The Changing Scenario in Indian Academia (00h01')	CHATTERJEE, Suchetana (Presidency University)
14:41	[144] In our language, POLAND is a 'she', just like PHYSICS (00h01')	Prof. DRABIŃSKA, Aneta (Faculty of Physics, University of Warsaw)
14:42	[140] Women in Physics in Zimbabwe: Where are they now? (00h01')	Dr. SHONHIWA, Chipo (Bindura University of Science Education)
14:43	[148] Women in physics: Students and faculty members in Turkish higher education (00h01')	Dr. DİDİM KÖRHASAN, NİLÜFER (ZONGULDAK BÜLENT ECEVİT UNIVERSITY, TURKEY)
14:44	[77] Trends of Career Development for Women in Physics and STEM in Belarus (00h01')	TASHLYKOVA-BUSHKEVICH, Iya (Belarusian State University of Informatics and Radioelectronics (BSUIR))
14:45	[72] Current status and Perspective on Diversity in Physics-related Fields in Japan (00h01')	NONAKA, Chiho (Hiroshima University)
14:46	[126] Women in Physics: State of the Nation (France) (00h01')	LIDGI-GUIGUI, Nathalie (University Sorbonne Paris Nord / SFP)
14:47	[127] Impacts of the pandemic and governmental change on Brazil's Physics (00h01')	Dr. PARISOTO, MARA (UFPR Palotina) Prof. FONTES DOS SANTOS, Antonio Carlos (UFRJ) Dr. BAILAS, Gabriela Padilha (High Energy Accelerator Research Organization, Tsukuba, Japan.) Dr. MENDES, Janaína Dutra Silvestre (Nuclear Medicine Department) Dr. CAL., Taneska Santana (Universidade Federal da Bahia)
14:48	[129] Striving for Equity in Canadian Physics (00h01')	Dr. BARKANOVA, Svetlana (Memorial University of Newfoundland, Grenfell Campus)
14:50	[19] Women Leadership in Physics, Pakistan (00h01')	Dr. SHAHI, Shahida Parveen (Department of Physics, Shaheed Benazir Bhutto women University)
14:51	[57] The activities of the women's branch of the Iranian Physics Society (00h01')	Prof. IRAJI ZAD, Azam (Physics Department and Institute for Convergence Science and Technology, Sharif University of Technology, Tehran, Iran)
14:52	[197] Women & Girls in Physics, Democratic Republic of Congo. (00h01')	Mrs. BANZA LING, Elvire (Physics)
14:53	[65] Developments of women in physics located in Taipei (00h01')	Prof. LU, Ting-Hua (National Taiwan Normal University)

14:54	[179] WOMEN IN PHYSICS IN YEMEN (00h01')	THABET, Fairouz (Physics Department, Faculty of Science Taiz University, Taiz, Republic of Yemen) AL-YUSUFI, Rasha (Physics Department, Faculty of Science Sana'a University, Sana'a, Republic of Yemen)
14:55	[187] Experience with Development Workshop with Gender Perspective for Early Career Scientists and Students (00h01')	Ms. SANCHEZ LOPEZ, Angie Alejandra (UNAH-CURLA)
14:56	[188] Facing gender bias to young women physicists: subtle or explicit? (00h01')	Prof. PEREZ MARTINEZ, Aurora Maria (Instituto de Cibernetica Matematica y Fisica)
14:57	[70] Update on the Status of Women in Physics Ghana (00h01')	Dr. OPOKU-NTIM, Irene (Ghana Atomic Energy Commission)
14:58	[160] Gender imbalance in university scientific career in Morocco (00h01')	MORDANE, Soumia (Faculty of Science Ben M'sik-University Hassan-II-Casablanca Morocco)
14:59	[59] Women in Aotearoa-New Zealand: update for 2023 (00h01')	Dr. SHEPHERD, Jami (University of Auckland and Dodd-Walls Centre for Photonic and Quantum Technologies and MacDiarmid Institute)
15:02	[110] Online Round-table Symposium Given by Female Scientists during COVID-19 (00h01')	Dr. LU, Ying (Institute of Physics, Chinese Academy of Sciences)
15:03	[135] Postwar Consequences on Tigray Female Physicist on Northern Ethiopia (00h01')	Dr. TEKLU, Tsega (Mekelle University)
15:04	[222] Dummy abstract for testing interfaces and experiences of the authors (00h01')	Dr. BHEESETTE, Satyanarayana (Tata Institute of Fundamental Research, Mumbai)
15:06	[224] Current status for women in physics Zambia (00h01')	Ms. NYIRONGO, Racheal (Department of Physics, University of Zambia)

15:07	[223] From the first women physicists to members of the Russian Academy of Sciences (00h01')	Prof. KUNDIKOVA, Nataliya (Institute of Electrophysics UB of RAS) Dr. ERMOLAEVA, Elena (Moscow Lomonosov State University) Dr. ISTOMINA, Natalia (Russian Academy of Sciences) Dr. KOTOVA, Svetlana (P.N.Lebedev Physical Institute of the Russian Academy of Sciences, Samara branch) Dr. NEPEINA, Kseniia (Divisions of the Research Station, Russian Academy of Sciences) Dr. POLIKARPOVA, Nataliya (Moscow Lomonosov State University)
15:08	[220] Women in Physics in Israel: An Overview (00h01')	Prof. NIR, Yosef (Weizmann Institute)
15:09	[202] Women Physicists in Switzerland (00h01')	Dr. KLAUSER, Christine (Paul Scherrer Insitut)
15:10	[216] Progress of Women Physicists in Egypt Supported by Legislations (00h01')	Dr. KAHIL, heba (Ain Shams University)

Networking/Social events - Minaxi Narain Hall (11 July 16:45-17:45)

Workshop 1-2: Physical Education (11 July 18:00-20:00)

- Conveners: Prof. Antimirova, Tetyana; Prof. Butcher, Gillian; Prof. Peng, Ruwen; Prof. Sharma, Manjula; Prof. Jolly, Pratibha

Workshop 2-2: Social Science Data Analysis for Physicists (11 July 18:00-20:00)

- Conveners: Prof. Hodari, Apriel; Prof. Chari, Deepa

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- Conveners: Prof. Shastri, Prajval; Prof. Ghose, Shohini

Wednesday 12 July 2023

AAPPS-WIP meeting (12 July 10:00-11:30)

Regional WIP group meeting (Africa) (12 July 10:00-11:30)

- Conveners: Prof. Okeke, Francisca

Regional WIP group meeting (Europe) (12 July 10:00-11:30)

Regional WIP group meeting (Latin America and the Caribbean) (12 July 10:00-11:30)

Regional WIP group meeting (North America) (12 July 10:00-11:30)

Plenary 2 - Anna Mani Hall (12 July 12:00-14:00)

- Conveners: Prof. Sinha, Sudeshna

time	[id] title	presenter
12:00	[32] Invited talk 3: My Journey in Physics... along the 'Second' Quantum Revolution (00h40')	Prof. GHOSH, Rupamanjari
12:40	[33] Invited talk 4: Climate Change Education in Developing Countries (00h40')	Prof. KARVE, Priyadarshini
13:20	[34] Invited talk 5: Investing the origin of diffuse FUV emission in galaxies (00h40')	Prof. GOGOI, R

Poster-12: (Please ignore session and time assignment of individual posters. All poster presenters will be present during entire poster sessions (2:30pm to 4:30pm IST on July 11-14). (12 July 14:30-16:30)

time	[id] title	presenter
14:30	[75] An homemade Solar Tracking system (00h01')	Dr. KO, Gaëlle Kafira (Laboratoire d'Energies Thermiques RENouvelables (LETRE), Ecole Normal Supérieure (ENS), 01 BP 1757 Ouagadougou 01, Ouagadougou, Burkina Faso)
14:31	[79] Machine Learning in Atmospheric Sciences - How are we catching up? (00h01')	DAS, Uma (Indian Institute of Information Technology Kalyani)
14:32	[145] "Science for Women: A Technology and Innovation" Portal (00h01')	Dr. CHAKRABORTY, Subhra (National Institute of Plant Genome Research)
14:33	[143] Strategies to encourage young females to pursue Physics in South Africa: Achievements and Challenges (00h01')	Dr. SHINGANGE, Katekani (Council for Scientific and Industrial Research)
14:34	[125] The GATI Pilot: Influencing Policies, Organizational Culture and Strategic Vision (00h01')	Dr. JOLLY, Pratibha (Miranda House, University of Delhi (till 2019))
14:35	[23] Women in physics in Pakistan. (00h01')	Ms. RIZWANA, Rizwana (Department of Physics, University of Karachi, Pakistan)
14:36	[86] The Gender Group in High Energy Physics in India: Efforts and Initiatives towards Gender Equity (00h01')	Prof. MOHANTA, Rukmani (University of Hyderabad) Dr. DEVI, Moon Moon (Tezpur University, Assam, India) Dr. DAHIYA, Harleen (Dr. B. R. Ambedkar National Institute of Technology)
14:37	[62] Reasons for the persisting underrepresentation of women in physics: insights from research on disciplinary cultures (00h01')	Ms. BOSSMANN, Andrea Bianca (Department of Physics, Freie Universität Berlin, Arnimallee 14, 14195 Berlin, Germany)
14:38	[120] Towards achieving Gender Equity: Activities of the Gender Group in Condensed Matter Physics (00h01')	Prof. VARMA, shikha (Institute of Physics)
14:39	[84] Activities for Diversity and Inclusion in the Japan Society of Applied Physics (00h01')	Prof. CHIKUMOTO, Noriko (Chubu university)
14:40	[106] Participation of women in physics in the Dominican Republic: An initial approach (00h01')	Dr. ENCARNACIÓN, Emma (Dominican Physical Society)
14:41	[27] Regulated Infantilization: protection or roadblock? (00h01')	Prof. MADHURIMA, V (Central University of Tamil Nadu)
14:42	[150] Progress of Women Physicists in Egypt Supported by Legislations (00h01')	Dr. KAHIEL, heba (Ain Shams University, Cairo, Egypt)

14:43	[211] Comparative Analysis of the Situation of Female Students in the Physical Sciences at the Universidad Nacional Mayor de San Marcos (00h01')	CERÒN LOAYZA, Maria Luisa (Universidad Nacional Mayor de San Marcos) Prof. TESILLO QUISPE, Mabel Erlinda (Faculty of Physical Sciences. Universidad Nacional Mayor de San Marcos) Prof. MONTOYA BURGA, Jenny Aleida (Faculty of Physical Sciences. Universidad Nacional Mayor de San Marcos) Prof. MORI ESCOBAR, Fanny Esmeralda (Faculty of Physical Sciences. Universidad Nacional Mayor de San Marcos) Prof. MEJÍA SANTILLÁN, Mirian Esther (Faculty of Physical Sciences. Universidad Nacional Mayor de San Marcos)
14:44	[115] Study of women representation in the field of relativistic heavy-ion collisions (00h01')	Dr. SHARMA, Natasha (Indian Institute of Science Education and Research (IISER) Berhampur)
14:45	[139] Initiatives and Progress for Women in Physics: A Status Update from Ethiopia (00h01')	TADESSE, Meti Desalegn (University)
14:46	[119] Institutional Racism and Sexism in Science (00h01')	Dr. BROWN, Nathaniel (Penn State University)
14:47	[44] Challenges in Choosing Physics as a Career (00h01')	Dr. DEVI, Moon Moon (Tezpur University, Assam, India) Dr. GOGOI, Rupjyoti (Tezpur University)
14:48	[183] Empowering Women to Excel and Lead in All Sectors for Sustainable and Better Future (00h01')	Prof. SONAWANE, KAVITA (Chair, WIE-AG IEEE Bombay Section Mumbai)
14:49	[147] Labhopping: A journey to find Indian Women in Science (00h01')	Ms. DOGRA, Aashima (thelifeofscience.com) Ms. JAYARAJ, Nandita (thelifeofscience.com)

14:50	[122] Women in Physics: Argentina 2023 (00h01')	Dr. MONTANARI, Claudia (Instituto de Astronomía y Física del Espacio, CONICET and Universidad de Buenos Aires, Buenos Aires, Argentina) Dr. ESTRADA, Laura (Instituto de Física de Buenos Aires, CONICET and Universidad de Buenos Aires, Buenos Aires, Argentina) Dr. LAGUNA, Fabiana (Centro Atómico Bariloche, CONICET – CNEA, Río Negro, Argentina.) Dr. VICTORIA, Ferreyra (Universidad Nacional de La Pampa, La Pampa, Argentina) Dr. FRECHERO, Marisa (Dpto. De Química, Universidad Nacional del Sur – INQUISUR, Buenos Aires, Argentina)
14:51	[123] Science Academies of India: Contributions towards Women in Science (00h01')	Dr. SHARMA, Shobhona (Institute of Chemical Technology, Mumbai 400019 India) Ms. DEORE, Dhanashree (Pune University, Pune 411007 India)
14:52	[14] The activities of the Women in Astronomy Working Group of the International Astronomical Union (00h01')	Dr. SHAH, Priya (Maulana Azad National Urdu University)
14:53	[131] A study of vertical exclusion in a profession with a higher percentage of women in the labor market. (00h01')	Dr. PARISOTO, MARA (UFPR Palotina) Ms. SANTOS, Juliana da Silva (UFPR) Ms. VILLWOCK, Lara Eduarda (UFPR) Mrs. SILVA, Lillyan Kelly Sales da (UFPR) Mrs. VALERÃO, Manuela (UFPR)
14:54	[213] SOLAR QUIET (SQ) DAILY CURRENT VARIATIONS CONTRIBUTIONS TO THE EARTH CONDUCTIVITY WITHIN SOME SOUTHERN AFRICAN COUNTRIES (00h01')	Dr. OKWESILI, Ngozi (Department of Physics and Astronomy, University of Nigeria, Nsukka, Enugu State, Nigeria)
14:55	[69] Measurement Of Radon And Radon Exhalation Rates In Soil Samples From The Traditional Main Halls In The University Of Ghana Campus Using The Sealed-Can Technique (00h01')	Dr. OPOKU-NTIM, Irene (Ghana Atomic Energy Commission)
14:56	[25] Analysis of turbulence moments and turbulent intensities of wind speed and temperature above a non-uniform terrain in unstable conditions (00h01')	Dr. MAMADOU, Ossénatou (Institute of Mathematics and Physics, University of Abomey-Calavi)
14:57	[162] SOLAR QUIET (SQ) DAILY CURRENT VARIATIONS CONTRIBUTIONS TO THE EARTH CONDUCTIVITY WITHIN SOME SOUTHERN AFRICAN COUNTRIES (00h01')	Dr. OKWESILI, Ngozi (University of Nigeria, Nsukka Nigeria)

14:58	[173] Mineralogical Characterization of the Serra Pelada Meteorite by Energy Dispersive X Ray Fluorescence and X Ray Diffractometry (00h01')	Prof. CERON LOAYZA, María Luisa (Laboratorio de Análisis de Suelo, Facultad de Ciencias Físicas, Universidad Nacional Mayor de San Marcos) Dr. BRAVO CABREJOS, Jorge A. (Laboratorio de Análisis de Suelo, Facultad de Ciencias Físicas, Universidad Nacional Mayor de San Marcos) Prof. MONTOYA BURGA, Jenny Aleida (Laboratorio de Análisis de Suelo, Facultad de Ciencias Físicas, Universidad Nacional Mayor de San Marcos) Prof. MORI ESCOBAR, Fanny Esmeralda (Laboratorio de Análisis de Suelo, Facultad de Ciencias Físicas, Universidad Nacional Mayor de San Marcos) Prof. TESILLO QUISPE, Mabel Erlinda (Laboratorio de Análisis de Suelo, Facultad de Ciencias Físicas, Universidad Nacional Mayor de San Marcos)
14:59	[16] Defects in Natural Fluorite Crystals Caused by Radiation and Elemental Substitutions (00h01')	Dr. HALDER BANERJEE, RUMU (BHABHA ATOMIC RESEARCH CENTRE)
15:00	[18] Thermal comfort: Temperature and relative humidity of a habitable cell in foamed concrete in Burkina Faso (00h01')	OUEDRAOGO, Lareba Adélaïde (Joseph KI-ZERBO University)
15:01	[226] Activity of AAPPS-WIP (00h01')	Prof. NOJIRI, MIHOKO (KEK)
15:02	[225] Vigyan Vidushi – a unique initiative for mentoring aspiring young women (00h01')	Prof. NANAL, vandana (TIFR)

Cultural program - Mrinalini Sarabhai Hall (12 July 16:45-17:45)

Workshop 4-1: Women's Leadership in Physics (12 July 18:00-20:00)

- Conveners: Prof. Qamar, Anisa; Prof. Kurup, Anitha

Workshop 5-1: The role of women in science for development (12 July 18:00-20:00)

- Conveners: Prof. Hutchinson, David

Thursday 13 July 2023

Documentary show (13 July 10:00-11:30)

Plenary 3: Panel Discussion: The impact of COVID-19 on the scientific ecosystem - Iravati karve hall (13 July 12:00-14:00)

- Conveners: Prof. Meza Montes, Lilia

time	[id] title	presenter
12:00	[94] The impact of COVID-19 on the scientific ecosystem (00h30')	Prof. MEHMANI, Bahar (STEM Journals Elsevier)
12:30	[95] The impact of COVID-19 on the scientific ecosystem (00h30')	Prof. SEPAROVIC, Francesa (Foreign Secretary, Australian Academy of Science)
13:00	[164] The impact of COVID-19 on the scientific ecosystem (00h30')	Prof. PATEL, Vibhuti
13:30	[96] Q&A (00h30')	

Poster-13: (Please ignore session and time assignment of individual posters. All poster presenters will be present during entire poster sessions (2:30pm to 4:30pm IST on July 11-14). (13 July 14:30-16:30)

time	[id] title	presenter
14:30	[39] Pressure induced superconductivity in topological quantum materials (00h01')	MALAVI, Pallavi (Bhabha Atomic Research Centre)
14:31	[21] Hyperthermia response of graphene-magnetite nanohybrids in AC magnetic field for cancer treatment (00h01')	Dr. KHUSH BAKHAT, Khush Bakhat Akram (National University of Technology (NUTECH), Main IJP Road, Sector I- 12, Islamabad, Pakistan)
14:32	[49] A Case Study on the Non-Isothermal Reaction Kinetic Calculations for Thermal Decomposition leading to Iron Oxide Nanoparticles (00h01')	Ms. CHAKRABORTY, MANISHA (VISVA BHARATI UNIVERSITY)
14:33	[47] Growth of Cobalt Doped β -Ga ₂ O ₃ Crystal for Saturable Absorber Application (00h01')	Ms. MANTRI, Priyanshi (Intern at Laser and Functional Materials Division, RRCAT Indore, India)
14:34	[53] Impact of the Thicknesses of the p and p+ Regions on the Electrical Parameters of a Bifacial PV Cell (00h01')	Dr. KONATE, Ramatou (Université Joseph KI-ZERBO)
14:35	[109] Tailoring magnetic properties of ferromagnetic film on ion irradiated Si (00h01')	Ms. JAFRI, Yasmeen (Amity University, Noida, India)
14:36	[80] Biomineralization behavior of 58S, 70S and 82S ternary mesoporous bioactive glasses stabilized through ethanol extraction process (00h01')	Mrs. KANDARI, Sudipta (Assistant Professor)
14:37	[101] Phase-induced current in thermally driven topological Josephson junction (00h01')	Dr. DUTTA, Paramita (Physical Research Laboratory)
14:38	[104] Machine Learning accelerated Prediction of Bandgap of Cubic Perovskites (00h01')	Ms. PONKIYA, Zarna D. (Department of Physics, Faculty of Science, The Maharaja Sayajirao University of Baroda, Vadodara, Gujarat, India-390002)
14:39	[146] Beginning and development of the physics in Nicaragua: the role of women in this history (00h01')	Dr. MAIRENA MOLINA, Elba Milagros (NICARAGUA)
14:40	[100] Proyecto Equis: Gender inequalities in the trajectory of the Bachelor 's degree in Physics. (00h01')	Ms. BESSONART, Magdalena (Universidad de la República) Ms. STARI, Cecilia (Universidad de la República) Ms. SEDOFEITO, Camila (Universidad de la República)
14:41	[61] "Fascinating Science! STEM Role Models": Building bridges for the next generation of scientists (00h01')	Ms. ZACARIAS, Angelica (Max Planck Institute of Microstructure Physics) Ms. SANDNER, Agnes (German Physical Society, Working Group on Equal Opportunities)
14:42	[63] Concept inventories in physics: Multiple-choice or free-text? (00h01')	Prof. JORDAN, Sally (The Open University)

14:43	[124] Understanding Huygens principle & verifying laws of light propagation: a mathematical approach (00h01')	Dr. CHARI, Deepa (Homi Bhabha Centre for Science Education, TIFR)
14:44	[134] Rocket Girls (00h01')	Dr. PARISOTO, MARA (UFPR Palotina) Mrs. VILLWOCK, Lara Eduarda (UFPR) Mrs. VALERÃO, Manuela (UFPR) Mrs. SANTOS, Juliana da Silva (UFPR) Mrs. SILVA, Lillyan Kelly Sales (UFPR)
14:45	[128] Choosing Between Physics and Engineering, by Gender: A Canadian Study of Socio-Cultural Factors (00h01')	Dr. BARKANOVA, Svetlana (Memorial University of Newfoundland, Grenfell Campus)
14:46	[107] Moving from 'interest' to 'identity': changing girls' attitudes to careers in space science (00h01')	SADLER, Wendy (Cardiff University/Science Made Simple)
14:47	[154] SPECTRAL EFFECT OF A MONOCHROMATIC LIGHT ON THE PERFORMANCE OF A SILICON SOLAR CELL (00h01')	Ms. SARE, Ramatou (Université Joseph KI-ZERBO)
14:48	[112] Hydrophobic silica/water interface studied by sum-frequency vibrational spectroscopy (SFVS) (00h01')	Prof. LIU, Weitao (Physics Department, Fudan University)
14:49	[64] Magneto-electronic properties of graphene nanoribbons in different electric field under QHE regime (00h01')	Ms. THAKUR, Akansha (Birla Institute of technology, Pilani)
14:50	[66] Revealing deformation phonons of graphene on various substrates by polarized Raman spectroscopy (00h01')	Ms. CHANG, Yu-Chen (National Taiwan Normal University)
14:51	[118] Synthesis and characterization of Ag ₃ PO ₄ /SnS ₂ composite for hydrogen evolution reaction (00h01')	Ms. S, DIVYADHARSHINI (SRM INSTITUTE OF SCIENCE AND TECHNOLOGY)
14:52	[198] Plasmon-Exciton Interactions in Bilayers of Core-Shell Au-SiO ₂ Nanoparticles and FAPbI ₃ Perovskite Nanocrystals (00h01')	Ms. SOUZOU, Alike (Experimental Condensed Matter Physics Laboratory, Department of Physics, University of Cyprus)
14:53	[26] Hybrid photodetectors of triple perovskite with graphene (00h01')	Prof. CHEN, Mei-Hsin (National Taipei University of Technology)
14:54	[22] Photoelectrochemical response of non-enzymatic glucose biosensing for BiVO ₄ nanocomposites (00h01')	Dr. SYEDA AMMARA, Syeda Ammara Shabbir, (Department of Physics, Forman Christian College (A Chartered University, Lahore, Pakistan)
14:55	[46] Light induced thermal and electrical transport in graphene-silver nanoparticle nanocomposites for thermoelectric applications (00h01')	Dr. TIWARI, Archana (Banaras Hindu University)
14:56	[28] Breath Figure Formation Using PDMS (00h01')	Prof. MADHURIMA, V (Central University of Tamil Nadu)
14:57	[40] Molecular Interactions of Zinc Finger Protein Kaiso with p120 catenin (00h01')	Mrs. THAPA, Bidhya (Central Department of Physics, Tribhuvan University, Nepal)

14:58	[41] Uphill Diffusion through Point Contact Reaction during Nanoscale Silicide Formation (00h01')	Prof. CHOU, Yi-Chia (National Taiwan University)
14:59	[185] Simulation of successive Cascades in Fe-Ni-Cr Model Alloy using Molecular Dynamics for studying Defect Microstructure during ion irradiation (00h01')	Ms. CHAKRABORTY, Soumita (Variable Energy Cyclotron Centre)
15:00	[209] Bulk Heterojunctions of Cesium Lead Halide Nanocrystals with Fullerene Derivatives for Light Harvesting Applications (00h01')	Ms. CHARALAMBOUS, Eleftheria (University of Cyprus)
15:01	[178] Charge-Transfer Complex Formation in Organic Semiconductor Films: role in Surface Doping (00h01')	Dr. BABUJI, Adara (Student)
15:02	[163] Space charge contributions to the dielectric response and breakdown strength of high-temperature polyetherimide/polyimide blends (00h01')	JURENIČ, Vida (Jožef Stefan Institute)
15:03	[15] Photoelectrochemical response of non-enzymatic glucose biosensing for BiVO ₄ nanocomposites (00h01')	SHABBIR, Syeda ammara (Forman Christian college)
15:04	[54] Insolation Based Models for solar radiation estimation in three Localities of Burkina -Faso (00h01')	Dr. MOGMENGA, Ladifata (University Joseph KI-ZERBO, Laboratory of Renewable Thermal Energies)
15:05	[56] SPECTRAL EFFECT OF A MONOCHROMATIC LIGHT ON THE PERFORMANCE OF A SILICON SOLAR CELL (00h01')	Ms. SARE, Ramatou (Université Joseph KI-ZERBO)
15:06	[152] Designing a teaching grade phase contrast microscope on an optical bench (00h01')	Dr. PRUSTY, Sudakshina (National Institute of Science Education and Research (NISER))
15:07	[158] Exploring the Single Slit Diffraction Experiment (00h01')	Dr. SEETHARAMAN, Deepa (Sri Sathya Sai Institute of Higher Learning)
15:08	[138] Efforts for gender equality in Chinese higher education institutions (00h01')	Prof. XU, Limei (Peking University)
15:09	[181] Contribution of women researchers in physics in scientific fields at the Faculty of Sciences of the University Mohammed the first (00h01')	Prof. MAAROUFI, Fatiha (University Mohammed the First)
15:10	[78] Belarusian experience in reducing gender gap in Natural Science using heuristic learning approach in physics education in university (00h01')	TASHLYKOVA-BUSHKEVICH, Iya (Belarusian State University of Informatics and Radioelectronics (BSUIR))
15:11	[74] Education of the girl students from marginalized tribal regions of Maharashtra (00h01')	Dr. REDIJ, Asmita (HBCSE-TIFR)

Special session on "Publishing" - Susan Solomon hall (13 July 16:45-17:45)

- Conveners: Prof. Ladge, Savita

time	[id] title	presenter
16:45	[165] Master Class: Preparing a contribution for ICWIP Proceedings (00h45')	Prof. FOLEY, Cathy
17:30	[166] Physics publishers' perspective of gender equity in the physical sciences (00h15')	Prof. PERS, Mikka (IoP, UK)

Workshop 4-2: Women's Leadership in Physics (13 July 18:00-20:00)

- Conveners: Prof. Qamar, Anisa; Prof. Kurup, Anitha

Workshop 5-2: The role of women in science for development (13 July 18:00-20:00)

- Conveners: Prof. Hutchinson, David; Prof. Fassi, Farida; Prof. Amin, Amal

Friday 14 July 2023

Networking/Social events (14 July 10:00-11:30)

Plenary 4 - Lise Meitner hall (14 July 12:00-14:00)

- Conveners: Prof. Butcher, Gillian

time	[id]	title	presenter
12:00	[91]	Invited talk 6: Exotic plasmas in the lab - past and the future (00h30')	Prof. VRANIC, Marija
12:30	[92]	Invited talk 7: A scientific journey towards an inclusive society (00h30')	Prof. CATALÁN, María Eugenia Cabrera
13:00	[93]	Invited talk 8: Implications of stochastic parrots for Women in Physics (01h00')	Prof. GORDON, Dorothy (UNESCO)

Poster-14: (Please ignore session and time assignment of individual posters. All poster presenters will be present during entire poster sessions (2:30pm to 4:30pm IST on July 11-14). - (14 July 14:30-16:30)

time	[id] title	presenter
14:30	[190] Predicting Solar Wind using Reservoir Computing (00h01')	Mrs. OBAFAYE, Aderonke (United Nations African Regional Centre for Space Science Technology and Education - English, (UN-ARCSSTE-E))
14:31	[116] The dark matter direct search at JUSL : the present status (00h01')	Dr. DAS, Mala (Saha Institute of Nuclear Physics)
14:32	[85] Comparison of Daily Ground Measurement and Satellite-based Solar Radiation – Nepal Experience (00h01')	Mrs. JOSHI, Usha (Patan Multiple Campus, Tribhuvan University)
14:33	[20] Existence and formation of small amplitude electrostatic double-layer structure in superthermal plasma (00h01')	ADNAN, Muhammad Adnan (Department of Physics, Kohat University of Science and Technology (KUST), 26000, Kohat, Pakistan)
14:34	[50] The torsion of stellar streams and the shape of galactic gravity's source (00h01')	Mrs. BAREGO-QUINTANA, Adriana (IFIC, Universidad de Valencia)
14:35	[48] Proton structure function and parton distributions at small and large x (00h01')	Dr. JAHAN, Akbari (North Eastern Regional Institute of Science and Technology)
14:36	[43] Resolving hierarchy problem with dimension-six effective operators and Naturalness (00h01')	BISWAS, Ambalika (Banwarilal Bhalotia College, Asansol)
14:37	[184] Fast timing characteristics with 1.5^{15}CeBr_3 detectors (00h01')	Ms. DAS, Sneha (Variable Energy Cyclotron Centre)
14:38	[76] New physics sensitivities of some $b \rightarrow c (u) l \bar{\nu}_l$ decay modes (00h01')	MAWLONG, BARILANG (UNIVERSITY OF HYDERABAD)
14:39	[108] Low energy phase shift and cross-section analysis of p-He3 system (00h01')	Mr. SWAIN, BISWANATH (National Institute of Technology, Jamshedpur)
14:40	[105] Neutron Imaging: Basics and Applications (00h01')	Mrs. SHUKLA, Shefali (Bhabha Atomic Research Centre)
14:41	[114] Determination of $^{58}\text{Co}(\gamma, xp)$ cross section via the surrogate ratio method (00h01')	Ms. AKBAR, Shaima (Department of Physics, University of Calicut)
14:42	[51] Development of Neutron Interrogation System for Illicit material (00h01')	Dr. BISHNOI, Saroj (Bhabha Atomic REsearch Center)
14:43	[87] Molecular properties studies of Choline chloride, Glucose and water-based NADES (00h01')	Dr. THONGAM, Gomti Devi (Manipur University)
14:44	[149] Verification of pairwise non-locality trade-off in 3-qubit pure symmetric states using the IBM open access quantum computer ibmq_belem (00h01')	Mrs. HUMERA, Talat (Bangalore University)
14:45	[121] Development of an External Cavity Diode Laser (ECDL) to use as an injection seeding for OPOs (00h01')	Ms. P S, Ardra (Research Scholar)

14:46	[81] Graphene Hybrid Scaffolds for Laser Stimulated Neuro-regeneration (00h01')	Ms. A, Dhanusha (Bharathidasan University)
14:47	[130] Stochastic Dynamics of a Feshbach-coupled Atomic-Molecular Bose-Einstein Condensate (00h01')	Dr. DASGUPTA, Raka (University of Calcutta)
14:48	[199] Finite volume effects on the QCD chiral phase transition using NJL model (00h01')	Ms. SHAIKH, Adiba (Indian Institute of Technology Bombay)
14:49	[191] Intermittency analysis to understand multiparticle production in the heavy- ion collisions (00h01')	Dr. GUPTA, Ramni (University of Jammu)
14:50	[113] Breaking the Limitation of Polarization Multiplexing in Optical Metasurfaces with Engineered Noise (00h01')	Prof. PENG, Ruwen (Nanjing University)
14:51	[212] Development of New-Generation Gaseous Detectors for Nuclear Physics (00h01')	Dr. BHATTACHARYA, Purba (Department of Physics, Adamas University)
14:52	[24] Steep potentials in Warm Inflation (00h01')	Dr. DAS, Suratna (Ashoka University)
14:53	[42] Depth profile of natural gamma-emitting radionuclides in the soils between Kathmandu and Makawanpur (00h01')	Dr. MISHRA, Anita (Central Department of Physics, Tribhuvan University)
14:54	[200] Non-Destructive Evaluation of Static Objects using Cosmic-Ray Muons (00h01')	Prof. MAJUMDAR, Nayana (Applied Nuclear Physics Division, Saha Institute of Nuclear Physics, 1/AF, Sector I, Bidhannagar, Kolkata 700064, India, Homi Bhabha National Institute, Training School Complex, Anushaktinagar, Mumbai 400094, India)
14:55	[203] Finite-Time Behaviour of Vacuum Instability: Electron-Positron Creation in Strong Electric Fields (00h01')	Mr. SAH, DEEPAK (Homi Bhabha National Institute, India)
14:56	[204] DETECTION OF ATMOSPHERIC TIDES AT LAKE TANGANYIKA ANALYSIS BY FOURIER (00h01')	Mrs. BANZA LING, Elvire (Physics)
14:57	[208] Dark matter in Two-singlet extension of Standard Model (00h01')	Dr. BASAK, Tanushree (M. B. Patel Science College, Anand)
14:58	[102] Flexible Phase Change Materials for Electrically-Tuned Active Absorbers (00h01')	Ms. LIU, Yu (Nanjing University)
14:59	[13] Generation of scalar beams fully manipulated in amplitude and wavefront (00h01')	Mrs. MANSI, Baliyan (Indian Institute of Technology Patna)
15:00	[38] Finite volume effects on the QCD chiral phase transition using NJL model (00h01')	Ms. SHAIKH, Adiba (Indian Institute of Technology Bombay)

Session on Resolutions - Roslyn Sussman Yalow hall (14 July 16:45-18:45)**- Conveners: Prof. Montes, Lilia Meza**

time	[id] title	presenter
16:45	[167] The impact on IUPAP of the Working Group on Women in Physics (00h25')	Prof. DAWSON, Silvina-Ponce (IUPAP)
17:10	[239] Discussion on resolutions (01h35')	

Closing remarks - Roslyn Sussman Yalow hall (14 July 18:45-19:00)