

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

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Book of abstracts

Table of contents

Opening remarks (0)	1
Introduction to ICWIP (1)	1
Overview of WiP in India (2)	1
Remarks (3)	1
Remarks (TBC) (4)	1
Vote of Thanks (5)	1
Generation of scalar beams fully manipulated in amplitude and wavefront (13)	1
The activities of the Women in Astronomy Working Group of the International Astronomical Union (14)	2
Photoelectrochemical response of non-enzymatic glucose biosensing for BiVO ₄ nanocomposites (15)	2
Defects in Natural Fluorite Crystals Caused by Radiation and Elemental Substitutions (16)	2
Thermal comfort: Temperature and relative humidity of a habitable cell in foamed concrete in Burkina Faso (18)	2
Women Leadership in Physics, Pakistan (19)	3
Existence and formation of small amplitude electrostatic double- layer structure in superthermal plasma (20)	3
Hyperthermia response of graphene-magnetite nanohybrids in AC magnetic field for cancer treatment (21)	3
Photoelectrochemical response of non-enzymatic glucose biosensing for BiVO ₄ nanocomposites (22)	3
Women in physics in Pakistan. (23)	3
Steep potentials in Warm Inflation (24)	4
Analysis of turbulence moments and turbulent intensities of wind speed and temperature above a non-uniform terrain in unstable conditions (25)	4
Hybrid photodetectors of triple perovskite with graphene (26)	4
Regulated Infantilization: protection or roadblock? (27)	4
Breath Figure Formation Using PDMS (28)	5
Remarks (29)	5
Invited talk 1 (30)	5
Invited talk 2 (31)	5
Invited talk 3: My Journey in Physics... along the 'Second' Quantum Revolution (32)	5
Invited talk 4: Climate Change Education in Developing Countries (33)	5
Invited talk 5: Investing the origin of diffuse FUV emission in galaxies (34)	5

Invited talk 6: Social science (35)	5
Invited talk 7 (36)	6
Invited talk 8 (37)	6
Finite volume effects on the QCD chiral phase transition using NJL model (38)	6
Pressure induced superconductivity in topological quantum materials (39)	6
Molecular Interactions of Zinc Finger Protein Kaiso with p120 catenin (40)	6
Uphill Diffusion through Point Contact Reaction during Nanoscale Silicide Formation (41)	7
Depth profile of natural gamma-emitting radionuclides in the soils between Kathmandu and Makawanpur (42)	7
Resolving hierarchy problem with dimension-six effective operators and Naturalness (43)	7
Challenges in Choosing Physics as a Career (44)	7
Light induced thermal and electrical transport in graphene-silver nanoparticle nanocomposites for thermoelectric applications (46)	8
Growth of Cobalt Doped β -Ga ₂ O ₃ Crystal for Saturable Absorber Application (47)	8
Proton structure function and parton distributions at small and large x (48)	8
A Case Study on the Non-Isothermal Reaction Kinetic Calculations for Thermal Decomposition leading to Iron Oxide Nanoparticles (49)	8
The torsion of stellar streams and the shape of galactic gravity's source (50)	9
Development of Neutron Interrogation System for Illicit material (51)	9
Impact of the Thicknesses of the p and p+ Regions on the Electrical Parameters of a Bifacial PV Cell (53)	9
Insolation Based Models for solar radiation estimation in three Localities of Burkina -Faso (54)	9
SPECTRAL EFFECT OF A MONOCHROMATIC LIGHT ON THE PERFORMANCE OF A SILICON SOLAR CELL (56)	10
The activities of the women's branch of the Iranian Physics Society (57)	10
Women in Aotearoa-New Zealand: update for 2023 (59)	10
Gender Imbalance in Physics Education and Employment in Germany: Trends and Challenges (60)	10
"Fascinating Science! STEM Role Models": Building bridges for the next generation of scientists (61)	11
Reasons for the persisting underrepresentation of women in physics: insights from research on disciplinary cultures (62)	11
Concept inventories in physics: Multiple-choice or free-text? (63)	11
Magneto-electronic properties of graphene nanoribbons in different electric field under QHE regime (64)	11
Developments of women in physics located in Taipei (65)	12
Revealing deformation phonons of graphene on various substrates by polarized Raman spectroscopy (66)	12
Women in Physics in Spain (68)	12
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 (69)	13
Update on the Status of Women in Physics Ghana (70)	13

Current status and Perspective on Diversity in Physics-related Fields in Japan (72)	13
Education of the girl students from marginalized tribal regions of Maharashtra (74)	14
An homemade Solar Tracking system (75)	14
New physics sensitivities of some $b \rightarrow c (u) l \bar{\nu}_l$ decay modes (76)	14
Trends of Career Development for Women in Physics and STEM in Belarus (77)	14
Belarusian experience in reducing gender gap in Natural Science using heuristic learning approach in physics education in university (78)	15
Machine Learning in Atmospheric Sciences - How are we catching up? (79)	15
Biom mineralization behavior of 58S, 70S and 82S ternary mesoporous bioactive glasses stabilized through ethanol extraction process (80)	15
Graphene Hybrid Scaffolds for Laser Stimulated Neuro-regeneration (81)	15
Challenges for Improving the Status of Women in Physics: Insights from Bangladesh (83)	16
Activities for Diversity and Inclusion in the Japan Society of Applied Physics (84)	16
Comparison of Daily Ground Measurement and Satellite-based Solar Radiation – Nepal Experience (85)	16
The Gender Group in High Energy Physics in India: Efforts and Initiatives towards Gender Equity (86)	17
Molecular properties studies of Choline chloride, Glucose and water-based NADES (87)	17
Quantum Condensed Matter: A Playground for Emergent Phenomena and Complexity and why I am passionate about this field (88)	17
Invited talk 1: H15 My research journey: my challenges and achievements in the field of physics (89)	17
Invited talk 2: Institutional Racism and Sexism in Science (90)	17
Invited talk 6: Exotic plasmas in the lab - past and the future (91)	17
Invited talk 7: A scientific journey towards an inclusive society (92)	18
Invited talk 8: Implications of stochastic parrots for Women in Physics (93)	18
The impact of COVID-19 on the scientific ecosystem (94)	18
The impact of COVID-19 on the scientific ecosystem (95)	18
Q&A (96)	18
A glance at ICWIP2023 (97)	18
Proyecto Equis: Gender inequalities in the trajectory of the Bachelor 's degree in Physics. (100)	18
Phase-induced current in thermally driven topological Josephson junction (101)	19
Flexible Phase Change Materials for Electrically-Tuned Active Absorbers (102)	19
Women in physics in the United Kingdom: A review of recent policy and initiatives (103)	19
Machine Learning accelerated Prediction of Bandgap of Cubic Perovskites (104)	19
Neutron Imaging: Basics and Applications (105)	20
Participation of women in physics in the Dominican Republic: An initial approach (106)	20
Moving from 'interest' to 'identity': changing girls' attitudes to careers in space science (107)	20

Low energy phase shift and cross-section analysis of p-He3 system (108)	20
Tailoring magnetic properties of ferromagnetic film on ion irradiated Si (109)	21
Online Round-table Symposium Given by Female Scientists during COVID-19 (110)	21
Hydrophobic silica/water interface studied by sum-frequency vibrational spectroscopy (SFVS) (112)	21
Breaking the Limitation of Polarization Multiplexing in Optical Metasurfaces with Engineered Noise (113)	21
Determination of $^{58}\text{Co}(\gamma, \text{xp})$ cross section via the surrogate ratio method (114)	22
Study of women representation in the field of relativistic heavy-ion collisions (115)	22
The dark matter direct search at JUSL : the present status (116)	22
EU policy initiatives promoting women in science: Lithuanian Women in Physics in 2023 (117)	22
Synthesis and characterization of $\text{Ag}_3\text{PO}_4/\text{SnS}_2$ composite for hydrogen evolution reaction (118)	23
Institutional Racism and Sexism in Science (119)	23
Towards achieving Gender Equity: Activities of the Gender Group in Condensed Matter Physics (120)	23
Development of an External Cavity Diode Laser (ECDL) to use as an injection seeding for OPOs (121)	24
Women in Physics: Argentina 2023 (122)	24
Science Academies of India: Contributions towards Women in Science (123)	24
Understanding Huygens principle & verifying laws of light propagation: a mathematical approach (124)	25
The GATI Pilot: Influencing Policies, Organizational Culture and Strategic Vision (125)	25
Women in Physics: State of the Nation (France) (126)	25
Impacts of the pandemic and governmental change on Brazil's Physics (127)	26
Choosing Between Physics and Engineering, by Gender: A Canadian Study of Socio-Cultural Factors (128)	26
Striving for Equity in Canadian Physics (129)	26
Stochastic Dynamics of a Feshbach-coupled Atomic-Molecular Bose-Einstein Condensate (130)	26
A study of vertical exclusion in a profession with a higher percentage of women in the labor market. (131)	27
Rocket Girls (134)	27
Postwar Consequences on Tigray Female Physicist on Northern Ethiopia (135)	27
Women in Physics in the Philippine Academe (137)	27
Efforts for gender equality in Chinese higher education institutions (138)	28
Initiatives and Progress for Women in Physics: A Status Update from Ethiopia (139)	28
Women in Physics in Zimbabwe: Where are they now? (140)	28
Strategies to encourage young females to pursue Physics in South Africa: Achievements and Challenges (143)	28
In our language, POLAND is a 'she', just like PHYSICS (144)	29
"Science for Women: A Technology and Innovation" Portal (145)	29
Beginning and development of the physics in Nicaragua: the role of women in this history (146)	29
Labhopping: A journey to find Indian Women in Science (147)	29

Women in physics: Students and faculty members in Turkish higher education (148)	30
Verification of pairwise non-locality trade-off in 3-qubit pure symmetric states using the IBM open access quantum computer ibmq_belem (149)	30
Progress of Women Physicists in Egypt Supported by Legislations (150)	30
Designing a teaching grade phase contrast microscope on an optical bench (152)	30
SPECTRAL EFFECT OF A MONOCHROMATIC LIGHT ON THE PERFORMANCE OF A SILICON SOLAR CELL (154)	31
Long-Range Planning for Diversity and Equity in Nuclear Science (155)	31
Workshop on Women's Leadership in Physics (156)	31
Exploring the Single Slit Diffraction Experiment (158)	31
Gender imbalance in university scientific career in Morocco (160)	31
SOLAR QUIET (SQ) DAILY CURRENT VARIATIONS CONTRIBUTIONS TO THE EARTH CONDUCTIVITY WITHIN SOME SOUTHERN AFRICAN COUNTRIES (162)	32
Space charge contributions to the dielectric response and breakdown strength of high-temperature polyetherimide/polyimide blends (163)	32
The impact of COVID-19 on the scientific ecosystem (164)	32
Master Class: Preparing a contribution for ICWIP Proceedings (165)	32
Physics publishers' perspective of gender equity in the physical sciences (166)	32
The impact on IUPAP of the Working Group on Women in Physics (167)	32
Remarks (168)	32
Remarks (169)	33
Toward Gender Equity in Physics: The Changing Scenario in Indian Academia (170)	33
Nigeria: Exploring the computational challenges of women in physics (171)	33
Mineralogical Characterization of the Serra Pelada Meteorite by Energy Dispersive X Ray Fluorescence and X Ray Diffractometry (173)	34
Woman in physics in Senegal (174)	34
Gender Equality in Physics: numbers and actions in Italy (177)	34
Charge-Transfer Complex Formation in Organic Semiconductor Films: role in Surface Doping (178)	34
WOMEN IN PHYSICS IN YEMEN (179)	35
Contribution of women researchers in physics in scientific fields at the Faculty of Sciences of the University Mohammed the first (181)	35
Empowering Women to Excel and Lead in All Sectors for Sustainable and Better Future (183)	35
Fast timing characteristics with $^{15}\text{CeBr}_3$ detectors (184)	35
Simulation of successive Cascades in Fe-Ni-Cr Model Alloy using Molecular Dynamics for studying Defect Microstructure during ion irradiation (185)	36
Experience with Development Workshop with Gender Perspective for Early Career Scientists and Students (187)	36

Facing gender bias to young women physicists: subtle or explicit? (188)	36
Predicting Solar Wind using Reservoir Computing (190)	36
Intermittency analysis to understand multiparticle production in the heavy- ion collisions (191)	37
Women & Girls in Physics, Democratic Republic of Congo. (197)	37
Plasmon-Exciton Interactions in Bilayers of Core-Shell Au-SiO ₂ Nanoparticles and FAPbI ₃ Perovskite Nanocrystals (198)	37
Finite volume effects on the QCD chiral phase transition using NJL model (199)	37
Non-Destructive Evaluation of Static Objects using Cosmic-Ray Muons (200)	38
Women Physicists in Switzerland (202)	38
Finite-Time Behaviour of Vacuum Instability: Electron-Positron Creation in Strong Electric Fields (203)	38
DETECTION OF ATMOSPHERIC TIDES AT LAKE TANGANYIKA ANALYSIS BY FOURIER (204)	38
The Netherlands: update on diversity and inclusion (206)	39
Paper Title is here: Times new roman 14 pt bold, centred (207)	39
Dark matter in Two-singlet extension of Standard Model (208)	39
Bulk Heterojunctions of Cesium Lead Halide Nanocrystals with Fullerene Derivatives for Light Harvesting Applications (209)	39
Comparative Analysis of the Situation of Female Students in the Physical Sciences at the Universidad Nacional Mayor de San Marcos (211)	40
Development of New-Generation Gaseous Detectors for Nuclear Physics (212)	40
SOLAR QUIET (SQ) DAILY CURRENT VARIATIONS CONTRIBUTIONS TO THE EARTH CONDUCTIVITY WITHIN SOME SOUTHERN AFRICAN COUNTRIES (213)	40
Progress of Women Physicists in Egypt Supported by Legislations (216)	41
Women in Physics in Israel: An Overview (220)	41
Dummy abstract for testing interfaces and experiences of the authors (222)	41
From the first women physicists to members of the Russian Academy of Sciences (223)	41
Current status for women in physics Zambia (224)	42
Vigyan Vidushi – a unique initiative for mentoring aspiring young women (225)	42
Activity of AAPPS-WIP (226)	42
Recent Activities of the Women’s Committee of the Korean Physical Society (227)	42
Analyzing implicit gender bias in Optics and Photonics at the predoctoral stage in Spain (228)	43
Women in Physics Participation in Leadership and Decision-Making Positions in Uganda (231)	43
Overview of the activities of the IUPAP group for women in physics in Serbia in the last three years (232)	43
Women in physics in Slovenia (234)	44
TBA (235)	44
Activities of the Working Group for Gender Equity (WGGE) of the Astronomical Society of India (ASI) (237)	44
Networks and collaborations that increase Mexican women’s participation in physics. (238)	44

Discussion on resolutions (239)	44
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Inauguration / 0

Opening remarks

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Inauguration / 1

Introduction to ICWIP

Inauguration / 2

Overview of WiP in India

Inauguration / 3

Remarks

Inauguration / 4

Remarks (TBC)

Inauguration / 5

Vote of Thanks

Poster-14 / 13

Generation of scalar beams fully manipulated in amplitude and wavefront

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Poster-12 / 14

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Poster-13 / 15

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Poster-12 / 16

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Poster-12 / 18

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Poster-11 / 19

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Poster-14 / 20

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Poster-13 / 21

Hyperthermia response of graphene-magnetite nanohybrids in AC magnetic field for cancer treatment

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Poster-13 / 22

Photoelectrochemical response of non-enzymatic glucose biosensing for BiVO₄ nanocomposites

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Poster-12 / 23

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Poster-14 / 24

Steep potentials in Warm Inflation

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Poster-12 / 25

Analysis of turbulence moments and turbulent intensities of wind speed and temperature above a non-uniform terrain in unstable conditions

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Poster-13 / 26

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Poster-12 / 27

Regulated Infantilization: protection or roadblock?

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Poster-13 / 28

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Inauguration / 29

Remarks

30

Invited talk 1

31

Invited talk 2

Plenary 2 / 32

Invited talk 3: My Journey in Physics... along the 'Second' Quantum Revolution

Plenary 2 / 33

Invited talk 4: Climate Change Education in Developing Countries

Plenary 2 / 34

Invited talk 5: Investigating the origin of diffuse FUV emission in galaxies

Plenary 4 / 35

Invited talk 6: Social science

Plenary 4 / 36

Invited talk 7

Plenary 4 / 37

Invited talk 8

Poster-14 / 38

Finite volume effects on the QCD chiral phase transition using NJL model

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Poster-13 / 39

Pressure induced superconductivity in topological quantum materials

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Poster-13 / 40

Molecular Interactions of Zinc Finger Protein Kaiso with p120 catenin

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Poster-13 / 41

Uphill Diffusion through Point Contact Reaction during Nanoscale Silicide Formation

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Poster-14 / 42

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Poster-14 / 43

Resolving hierarchy problem with dimension-six effective operators and Naturalness

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Poster-12 / 44

Challenges in Choosing Physics as a Career

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Poster-13 / 46

Light induced thermal and electrical transport in graphene-silver nanoparticle nanocomposites for thermoelectric applications

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Poster-13 / 47

Growth of Cobalt Doped β -Ga₂O₃ Crystal for Saturable Absorber Application

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Poster-14 / 48

Proton structure function and parton distributions at small and large x

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Poster-13 / 49

A Case Study on the Non-Isothermal Reaction Kinetic Calculations for Thermal Decomposition leading to Iron Oxide Nanoparticles

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Poster-14 / 50

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Poster-14 / 51

Development of Neutron Interrogation System for Illicit material

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Poster-13 / 53

Impact of the Thicknesses of the p and p+ Regions on the Electrical Parameters of a Bifacial PV Cell

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Poster-13 / 54

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Poster-13 / 56

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Poster-11 / 57

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Poster-11 / 59

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Poster-11 / 60

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Poster-13 / 61

“Fascinating Science! STEM Role Models”: Building bridges for the next generation of scientists

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Poster-12 / 62

Reasons for the persisting underrepresentation of women in physics: insights from research on disciplinary cultures

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Poster-13 / 63

Concept inventories in physics: Multiple-choice or free-text?

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Poster-13 / 64

Magneto-electronic properties of graphene nanoribbons in different electric field under QHE regime

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Poster-11 / 65

Developments of women in physics located in Taipei

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Poster-13 / 66

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Poster-11 / 68

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Poster-12 / 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

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Poster-11 / 70

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Poster-11 / 72

Current status and Perspective on Diversity in Physics-related Fields in Japan

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Poster-13 / 74

Education of the girl students from marginalized tribal regions of Maharashtra

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Poster-12 / 75

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Poster-14 / 76

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Poster-11 / 77

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Poster-13 / 78

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Poster-12 / 79

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Poster-13 / 80

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Poster-14 / 81

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Poster-11 / 83

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Poster-12 / 84

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Poster-14 / 85

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Poster-12 / 86

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Poster-14 / 87

Molecular properties studies of Choline chloride, Glucose and water-based NADES

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Keynote talk (K1) / 88

Quantum Condensed Matter: A Playground for Emergent Phenomena and Complexity and why I am passionate about this field

Plenary 1 / 89

Invited talk 1: H15 My research journey: my challenges and achievements in the field of physics

Plenary 1 / 90

Invited talk 2: Institutional Racism and Sexism in Science

Plenary 4 / 91

Invited talk 6: Exotic plasmas in the lab - past and the future

Plenary 4 / 92

Invited talk 7: A scientific journey towards an inclusive society

Plenary 4 / 93

Invited talk 8: Implications of stochastic parrots for Women in Physics

Plenary 3: Panel Discussion / 94

The impact of COVID-19 on the scientific ecosystem

Plenary 3: Panel Discussion / 95

The impact of COVID-19 on the scientific ecosystem

Plenary 3: Panel Discussion / 96

Q&A

Inauguration / 97

A glance at ICWIP2023

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Poster-13 / 100

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Poster-13 / 101

Phase-induced current in thermally driven topological Josephson junction

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Poster-14 / 102

Flexible Phase Change Materials for Electrically-Tuned Active Absorbers

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Poster-11 / 103

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Poster-13 / 104

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Poster-14 / 105

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Poster-12 / 106

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Poster-13 / 107

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Poster-14 / 108

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Poster-13 / 109

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Poster-11 / 110

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Poster-13 / 112

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Poster-14 / 113

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Poster-14 / 114

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Poster-12 / 115

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Poster-14 / 116

The dark matter direct search at JUSL : the present status

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Poster-11 / 117

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Poster-13 / 118

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Poster-12 / 119

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Poster-12 / 120

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Poster-14 / 121

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Poster-12 / 122

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Poster-12 / 123

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Poster-13 / 124

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Poster-12 / 125

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Poster-11 / 126

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Poster-11 / 127

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Poster-13 / 128

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Poster-11 / 129

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Poster-14 / 130

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Poster-12 / 131

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Poster-11 / 135

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Poster-11 / 137

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Poster-13 / 138

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Poster-12 / 139

Initiatives and Progress for Women in Physics: A Status Update from Ethiopia

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Poster-11 / 140

Women in Physics in Zimbabwe: Where are they now?

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Poster-12 / 143

Strategies to encourage young females to pursue Physics in South Africa: Achievements and Challenges

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Poster-11 / 144

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Poster-12 / 145

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Poster-13 / 146

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Poster-12 / 147

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Poster-11 / 148

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Poster-14 / 149

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Poster-12 / 150

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Poster-13 / 152

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Poster-13 / 154

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Poster-11 / 155

Long-Range Planning for Diversity and Equity in Nuclear Science

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156

Workshop on Women's Leadership in Physics

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Poster-13 / 158

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Poster-11 / 160

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Poster-13 / 163

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Plenary 3: Panel Discussion / 164

The impact of COVID-19 on the scientific ecosystem

Special session on "Publishing" / 165

Master Class: Preparing a contribution for ICWIP Proceedings

Special session on "Publishing" / 166

Physics publishers' perspective of gender equity in the physical sciences

Session on Resolutions / 167

The impact on IUPAP of the Working Group on Women in Physics

Inauguration / 168

Remarks

Inauguration / 169

Remarks

Poster-11 / 170

Toward Gender Equity in Physics: The Changing Scenario in Indian Academia

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Poster-11 / 171

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Poster-12 / 173

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Poster-11 / 174

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Poster-11 / 177

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Poster-13 / 178

Charge-Transfer Complex Formation in Organic Semiconductor Films: role in Surface Doping

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Poster-11 / 179

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Poster-13 / 181

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Poster-12 / 183

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Poster-14 / 184

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Poster-13 / 185

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Poster-11 / 187

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Poster-11 / 188

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Poster-14 / 190

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Poster-11 / 197

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Poster-13 / 198

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Poster-14 / 199

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Poster-14 / 200

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Poster-11 / 202

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Poster-14 / 203

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Poster-14 / 204

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206

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Poster-11 / 207

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Poster-14 / 208

Dark matter in Two-singlet extension of Standard Model

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Poster-12 / 211

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Poster-14 / 212

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Poster-12 / 213

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Poster-11 / 223

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Poster-12 / 225

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Poster-12 / 226

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227

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228

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231

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232

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234

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235

TBA

237

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238

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Session on Resolutions / 239

Discussion on resolutions