

CONFERENCE SCHEDULE

All talks, workshop and posters will be held in Bricker Academic Building (BA), Wilfrid Laurier University

Monday August 4

9:00 - 17:00	IUPAP Working Group Meeting, Science Building Boardroom
--------------	---

Tuesday August 5

17:00 - 19:00	Registration and Welcome Reception , Science Building Atrium (Courtyard) Welcome from the Laurier Office of Aboriginal Initiatives Remarks by invited guests: Dr. Deborah MacLatchy, Vice President: Academic & Provost, Wilfrid Laurier University Dr. Abby Goodrum, Vice President: Research, Wilfrid Laurier University Mr. Peter Braid, MP, Kitchener Waterloo Hon. Reza Moridi, MPP, Ontario Minister of Research and Innovation, and Minister of Training, Colleges and Universities Councillor Yvonne Fernandes, City of Kitchener
19:00 - 20:00	Public Lecture , Room BA 201: Jill Tarter – <i>Finding Aliens and Finding Ourselves</i>

Wednesday August 6

8:30 - 9:00	Opening Remarks , Room BA 201 Silvina Ponce Dawson, IUPAP Working Group Chair Adriana Predoi-Cross, CAP Council Shohini Ghose, ICWIP 2014 LOC Chair
9:00 - 10:00	Plenary Talk 1 Room BA 201: Melissa Franklin - <i>Constructing A Lab of One's Own</i> Chair: Svetlana Barkanova
10:00 - 12:00	Poster Session A (with refreshments): Country Posters A-M, Rooms BA110, 111 Chair: Adriana Predoi-Cross
12:00 - 13:00	Lunch and book-signing by pioneering Canadian physicist and activist Dr. Ursula Franklin, Dining Hall
13:00 - 14:00	Plenary Talk 2 Room BA 201: Claudia Felser - <i>New developments in the area of topological insulators</i> Chair: Renee Horton
14:00 - 16:00	Poster session B (with refreshments): Country Posters N-Z, Rooms BA 110, 111 Chair: Li-Hong Xu
16:00 - 17:30	Breakout sessions Rooms BA 202, 208-211 <u>Gender Studies</u> Chair: Lilia Meza-Montes, BA 202 <u>Physics Education</u> Chairs: Renee Horton, Marina Milner-Bolotin, BA 208 <u>Improving the Workplace</u> Chair: Gillian Butcher, BA 209 <u>Professional Development & Leadership</u> Chairs: Jin-Hee Yoon, Manling Sui, BA 210 <u>Cultural Perception and Bias/ Science Practice and Ethics</u> Chairs: Silvina Ponce Dawson Kwek Leong Chuan, Room BA 211
18:00 - 20:00	Evening music program featuring Guy Few and Stephanie Mara, with reception afterwards, Maureen Forrester Hall
20:00 - 21:00	AAPPS Regional Meeting, Chair: Jin-Hee Yoon, Room BA 208

Thursday August 7

8:30 - 9:30	Plenary Talk 3 Room BA 201: Silvia Torres-Peimbert - <i>Chemical composition of planetary nebulae. The abundance discrepancy problem</i> Chair: Lilia Meza-Montes
9:30 - 9:45	Special Presentation Room BA 201: Johannie Duhaime - <i>NSERC's Initiatives for Women in Science</i>
9:45 - 11:15	Breakout sessions Rooms BA 202, 208-211 <u>Gender Studies</u> Chair: Lilia Meza-Montes, BA 202 <u>Physics Education</u> Chairs: Renee Horton, Marina Milner-Bolotin, BA 208 <u>Improving the Workplace</u> Chair: Gillian Butcher, BA 209 <u>Professional Development & Leadership</u> Chairs: Xia Guo, Manling Sui, BA 210 <u>Cultural Perception and Bias/ Science Practice and Ethics</u> Chairs: Kwek Leong Chuan, Silvina Ponce Dawson, BA 211
11:15 - 12:15	Plenary Talk 4 Room BA 201: Tsai-Chien Chiang - <i>Appearance and Reality- The first Lady of Physics, Wu Chien Shiung</i> Chair: Marina Milner-Bolotin
12:15 - 12:30	Group Photo
12:30 - 17:30	Lunch + free tours and afternoon activities: Perimeter Institute for Theoretical Physics, Institute for Quantum Computing, St. Jacobs
19:30 - 21:00	Panel discussion <i>How to succeed with physics</i> , (reception to follow), Room BA 201 Chair: Janis McKenna

Friday August 8

8:30 - 9:30	Plenary Talk 5 Room BA 201: Patience Mthunzi - <i>Live cells including HIV-1 infected and embryonic stem cells non-invasively micro-manipulation via laser light</i> Chair: Silvina Ponce Dawson
9:30 - 11:00	Breakout sessions Rooms BA 202, 208-211 <u>Gender Studies</u> Chair: Lilia Meza-Montes, BA 202 <u>Physics Education</u> Chairs: Renee Horton, Marina Milner-Bolotin, BA 208 <u>Improving the Workplace</u> Chair: Gillian Butcher, BA 209 <u>Professional Development & Leadership</u> Chair: Manling Sui, Jin-Hee Yoon, BA 210 <u>Cultural Perception and Bias/ Science Practice and Ethics</u> Chairs: Silvina Ponce Dawson & Kwek Leong Chuan, BA 211
11:00 - 12:45	Poster Session C (with refreshments) Scientific Posters, Rooms BA 110, 111 Chairs: Belinka Gonzalez, Xiudong Sun, Grace Lin, Isabel Delgadillo-Holtfort
12:45 - 14:00	Lunch , Dining Hall
14:00 - 15:00	Plenary Talk 6 Room BA 201: Sabine Stanley - <i>Planetary Magnetism: Unlocking the Secrets of Planetary Interiors</i> Chair: Gillian Butcher
15:00-16:15	Plenary meeting Room BA 201, Chairs: Silvina Ponce Dawson, Igle Gledhill
16:15 - 17:00	Wrap-up Room BA 201
18:00 - 21:00	Banquet Embassy Room, Bingemans (Buses leave campus at 17:40)

Saturday August 9

9:00-17:00	IUPAP Working Group Meeting
------------	-----------------------------

DETAILED WORKSHOP SCHEDULE

I. GENDER STUDIES Chair: L. Meza-Montes, Room BA 202

Date	Time	Speaker	Title
August 6	16:00-17:30	Eden Hennessey <i>Wilfrid Laurier University, Waterloo</i>	Equity and Education: Examining Gendered Stigma in Science
August 7	9:45-11:15	Anitha Kurup, <i>National Institute of Advanced Studies, India</i>	A Comparative study of women scientists and engineers: Experiences in India and the US; Impressions from the field
August 8	9:30-11:00	P. Shastri, <i>Indian Institute of Astrophysics, India</i> , L. Meza-Montes, <i>Benemérita Universidad Autónoma de Puebla, Mexico</i>	Towards Gender Equity through Policy: Characterising the Social Impact of Interventions

II. PHYSICS EDUCATION Chairs: Renee Horton, Marina Milner-Bolotin, Room BA 208

Date	Time	Speaker	Title
August 6	16:00-16:30	Ann Marks <i>University of Liverpool, UK</i>	Closing doors: Exploring gender and subject choice in schools
August 6	16:30-17:00	Fu-Jen Kao <i>The Physical Society of ROC, Taiwan</i>	On how to interact with male colleagues, a male's point of view
August 6	17:00-17:30	Discussions	
August 7	09:45-10:05	Monika Raharti, <i>Center for Young Scientist, Indonesia</i>	Nurturing Asia-Pacific female scientists through scientific events
August 7	10:05-10:25	Chandralekha Singh, <i>University of Pittsburg, US</i>	Assessing gender differences in students' understanding of magnetism
August 7	10:25-10:45	Eilish Mcloughlin <i>Dublin City University, Ireland</i>	Teaching, learning and assessing inquiry based science education
August 8	10:45-11:15	Discussion	
August 8	09:30-10:00	Marina Milner-Bolotin <i>UBC, Canada</i>	Helping physics teacher-candidates develop questioning skills through innovative technology use
August 8	10:00-10:20	Discussion	
August 8	10:20-11:00	Renee Horton, <i>USA</i> and Ching Ray, <i>China</i>	Recommendations and Conclusions

III. IMPROVING THE WORKPLACE Chair Gillian Butcher, BA 209

Date	Time	Speaker	Title
August 6	16:00-16:05	Gillian Butcher <i>University of Leicester, UK</i>	Introduction
August 6	16:05-16:25	Melanie Campbell <i>University of Waterloo, Canada</i>	Improving workplace environment improves it for everyone
August 6	16:25-16:45	Brian Fulton <i>University of York, UK</i>	The Juno Project of the UK Institute of Physics: addressing gender issues in university physics departments
August 7	16:45-17:30	Discussions/Conclusions	
August 7	09:45-09:50	Igle Gledhill <i>CSIR, South Africa</i>	Introduction
August 7	09:50-10:10	Akira Ejiri <i>University of Tokyo, Japan</i>	Analysis of office/laboratory staying hour and home working hour of Japanese scientists and engineers
August 7	10:10-10:30	Anne Cox <i>Eckerd College, USA</i>	Combating isolation: Building mutual mentoring alliances
August 7	10:30-10:50	Seema Ubale, <i>Dharampeth MP Deo College of Science, India</i>	A study of status of women in physics in Nagpur
August 7	10:50-11:15	Discussions/Conclusions	
August 8	09:30-09:35	Gillian Butcher <i>University of Leicester, UK</i>	Introduction
August 8	09:35-09:50	Igle Gledhill <i>CSIR, South Africa</i>	Attractiveness of the physics environment for women
August 8	09:50-10:20	Discussion	
August 8	10:20-11:00	Conclusion and Recommendations	

IV. PROFESSIONAL DEVELOPMENT & LEADERSHIP Chair Manling Sui, Jin-Hee Yoon Room BA 210

Date	Time	Speaker	Title
August 6	16:00-16:25	Kae Nemoto, <i>National Institute of Informatics, Japan</i>	Continued engagement in promotion on women in physics
August 6	16:25-16:50	Yongah Park <i>Korea Institute of S&T Evaluation and Planning</i>	The national status of gender issue in KOREA and introducing gender summit
August 6	16:50-17:15	Beth. A. Cunningham <i>AAPT, USA</i>	Can physics disciplinary societies make a difference in the success of women in physics?
August 6	17:15-17:30	Discussion	
August 7	09:45-10:10	Nicola Wilkin <i>University of Birmingham, UK</i>	The Aurora leadership program
August 7	10:10-10:35	Cherrill M. Spencer <i>SLAC, USA</i>	Expanding girls' horizon in science, maths, engineering: A successful strategy since 1976
August 7	10:35-11:00	Cathy Foley <i>CSIRO, Australia</i>	Can you have it all? Making it work for you
August 7	11:00-11:15	Discussion, Chairs: Manling Sui and Xia Guo	
August 8	9:30-9:55	Shaoping Zhu, <i>Institute of Applied Physics and Computational Mathematics, China</i>	Inspiration from the Analects of Confucius
August 8	9:55-10:20	Susan K. Blessing, Florida State University, USA	The conferences for undergraduate women in physics
August 8	10:20-10:40	Discussion, Chairs: Manling Sui and Jin-Hee Yoon	
August 8	10:40 - 11:00	Recommendations and Conclusions Chairs: Manling Sui and Jin-Hee Yoon	

V. CULTURAL PERCEPTION AND BIAS/SCIENCE PRACTICE AND ETHICS Chairs: Silvia Ponce Dawson & Kwek Leong Chuan, Room BA 211

Date	Time	Speaker	Title
August 6	16:00-16:30	Casey Tesfaye, <i>AIP, US</i>	Global Survey of Physicists
August 6	16:30-17:30	JG Lin <i>Taiwan</i> , V. Pierron-Bohnes <i>France</i>	Round table discussion on cultural perception and bias
August 7	09:45-10:15	Silvina Ponce Dawson <i>University of Buenos Aires, Argentina</i>	Science practice and ethics
August 7	10:15-11:15	Discussions	
August 7	09:30-11:00	Discussion and Recommendations	