

CONFERENCE PROGRAMME

Tuesday, 5 April

12:00—17:00	On-site Registration	Protea Hotel
18:00—21:00	Welcome reception Sponsored by the Alfred P. Sloan Foundation (see separate programme)	Vista

Wednesday, 6 April

8:00—9:00	Conference registration	Protea Hotel
9:00—9:30	Conference Opening Silvina Ponce Dawson (IUPAP WG Chair), Argentina Cecilia Jarlskog (IUPAP President-Elect), Sweden Igle Gledhill (LOC Chair), South Africa <i>Chair: Renee Horton, USA</i>	Magnifica 1, 2, 3
9:30—10:30	Plenary 1 HOW PHYSICS IS INVOLVED IN ANCIENT CHINESE CHIME-BELLS Yan Lai Yan, China-Beijing <i>Chair: Manling Sui, China-Beijing</i>	Magnifica 1, 2, 3
10:30—12:30	Poster session 1—Country papers (A-K) with refreshments <i>Chair: Shobana Narasimhan, India</i>	Magnifica 1, 2, 3
12:30—13:30	Lunch Sponsored by Scholastic and Juta Publishers	
13:30—13:45	Sponsor presentation THE EARTH WE SHARE (TEWS)—HANDS ON! MINDS ON! HEARTS ON! EXPERIENTIAL SCIENCE EDUCATION. Mae Jemison MD, USA <i>Chair: Bev Hartline, USA</i>	Magnifica 1, 2, 3
13:45—14:45	Plenary 2 PULSARS AND EXTREME PHYSICS Jocelyn Bell-Burnell, UK <i>Chair: Gillian Butcher, UK</i>	Magnifica 1, 2, 3
14:45—16:30	Poster session 2—Country papers (L-Z) with refreshments	Magnifica 1, 2, 3
16:30—18:00	Workshop session A 1. Professional development 2. Improving the workplace environment for women 3. Gender studies and the role of women in physics 4. Attracting girls to physics 5. Scientific networking in disciplines	Omega Vista Magnifica 6 Magnifica 1 Magnifica 3

18:00—19:00	Regional group meetings 1. Africa 2. Middle East 3. Europe 4. Asia-Pacific 5. The Americas	Omega Magnifica 6 Magnifica 3 Vista Magnifica 1
19:00	Taiwan sponsored delegates meeting	Omega
After 19:00	Evening free	

Thursday, 7 April

8:30—9:30	Plenary 3 THE USE OF LASERS AND PHTHALOCYANINES IN CANCER THERAPY Tebello Nyokong, South Africa <i>Chair: Ching-Ray Chang, China-Taipei</i>	Magnifica 1, 2, 3
9:30—9:45	Sponsor presentation WINNER OF A L'ORÉAL-UNESCO REGIONAL FELLOWSHIP "FOR WOMEN IN SCIENCE" IN SUB-SAHARAN AFRICA Sonia Woudberg, South Africa	Magnifica 1, 2, 3
9:45—10:00	Photo session	
10:00—12:00	Poster session 3—Scientific papers with refreshments (parallel)	
12:15—17:30	Tours with packed lunch	Booking required
18:00—19:00	Supper	
19:00—20:00	Plenary 4 THE GLOBAL SURVEY OF PHYSICISTS: A COLLABORATIVE EFFORT ILLUMINATES THE SITUATION OF WOMEN IN PHYSICS Rachel Ivie, USA <i>Co-Chairs: Beverly Hartline, USA and Sarah Buchner, South Africa</i>	Magnifica 1, 2, 3
20:00—21:30	Workshop session B 1. Professional development 2. Leaving and entering a career in physics 3. Gender studies and the role of women in physics 4. Attracting girls to physics 5. Scientific networking in disciplines	Omega Vista Magnifica 6 Magnifica 1 Magnifica 3

Friday, 8 April

8:30—9:30	Plenary 5 SPACE WEATHER PHENOMENA IN THE EQUATORIAL IONOSPHERE Archana Bhattacharyya, India <i>Chair: Shobana Narasimhan, India</i>	Magnifica 1, 2, 3
9:30—11:00	Workshop session C (with refreshments) 1. Professional development 2. Leaving and entering a career in physics 3. Gender studies and the role of women in physics 4. Attracting girls to physics 5. Scientific networking in disciplines	Omega Vista Magnifica 6 Magnifica 1 Magnifica 3
11:00—12:45	Poster session 4—Scientific papers (parallel)	
12:45—14:00	Lunch	
14:00—15:00	Plenary 6 THE UNIVERSE AND ITS SMALLEST CONSTITUENTS: MYSTERIES IN PARTICLE PHYSICS Cecilia Jarlskog, Sweden <i>Chair: Anne Borg, Norway</i>	Magnifica 1, 2, 3
15:00—16:15	Plenary meeting <i>Chair: Silvina Ponce Dawson, Argentina</i>	Magnifica 1, 2, 3
16:15—17:00	Conference closing <i>Chair: Barbara Sandow, Germany</i> (see separate programme)	Magnifica 1, 2, 3
19:00	Banquet Sponsored by the Council for Scientific and Industrial Research	Buses leave Protea Hotel lobby at 18:30 for Moyo restaurant

ASSOCIATED ACTIVITIES

Tuesday, 5 April

9:00—17:00	Meeting of the Working Group	STIAS University of Stellenbosch
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Wednesday, 6 April

17:00—18:00	Public lecture NOBEL STORIES Prof Cecilia Jarlskog, Norway	Lecture Hall Alpha, Merensky Building (Physics), University of Stellenbosch
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Thursday, 7 April

17:00—18:00	Public lecture WILL THE WORLD END IN 2012? Prof (Dame) Jocelyn Bell-Burnell, UK	Lecture Hall Alpha, Merensky Building (Physics), University of Stellenbosch
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Saturday, 9 April

9:00—17:00	Meeting of the Working Group	STIAS University of Stellenbosch
9:00—13:00	<p>Outreach event for secondary school girls A SCIENCE ADVENTURE OF A GIRL WHO WANTED TO BE A PHYSICIST Marina Milner-Bolotin, Canada</p> <p>MY CAREER AS A SPACE SCIENTIST Gillian Butcher, UK</p> <p>A FUN-WITH-PHYSICS INTERACTIVE PRESENTATION ON SOUND Ann Marks, UK</p> <p>MOVIE: POWER OF THE SUN Mirjana Bozic, Serbia (Plus posters with biographies of famous European women physicists and models of devices)</p> <p>BECOMING WHO YOU INTEND TO BE Mae Jemison, USA (first African American woman in space)</p> <p>CAREER OPPORTUNITIES Dawn Leslie, UK</p>	School Hall, Rhenish Girls High School, Stellenbosch

<p>CARBON CAPTURE FOR SCHOOLGIRLS Carol Thompson, UK</p> <p>UV EXPOSURE, TUNING FORKS AND OPTICS Sile Nic Chormaic, Ireland</p> <p>THE COLDEST PLACE IN THE UNIVERSE Nikola Wilkin, UK</p> <p>SEVERAL GOOD REASONS FOR STUDYING PHYSICS Dragica Knezevic, Serbia</p> <p>“MY STORY”, PLUS A SHORT PHYSICS ACTIVITY Beth Cunningham, USA</p>	
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