



SURYA INSTITUTE

Lippo Cyber Park No. 2152/2052
Jl. Boulevard Gajah Mada, Lippo Karawaci
Tangerang - Banten 15811 - INDONESIA
P. +62 21 71680499 / 55777789
F. +62 21 55777789



2008 asian science camp' s program

Venue : Inna Grand Bali Beach Hotel - Sanur

Day One : Sunday, August 3rd, 2008

- 08.00-17.00 Arrival and Registration: Lobby (left wing)
Distribution of Participant Kits and room key
- 12.00-14.00 Lunch (Bali Kopi Shop, 2nd fl.)
- 14.00- Hotel Check In
- 14.00-15.00 Rector's meeting (Legong-Pendet Room)
- 18.30-21.00 Welcoming Dinner (Pendawa Open Stage, pool side)
- Welcome Speech from 2008 ASC Chairman
 - Dinner
 - Nusantara Dance & Music Performance:
 - Pakarena welcoming dance - Sulawesi
 - Mandau (war) dance - Kalimantan
 - Piring (plate) dance - West Sumatera
 - Saman dance - Aceh
 - Kuda Lumping (horse riding) dance (Java)
 - Buru (hunter) dance (Papua)
 - Tektakan percussion music
 - Visit Indonesia Year film

Day Two : Monday, August 4th, 2008

- 06.00-07.30 Breakfast (Agung Ball Room's Canopy)
- 07.30-09.00 Briefing for participants: student regulations, distribution of seminar voucher (Agung Room)
- 09.00-09.30 Tea break I (Agung Room's Canopy)
- 09.30-10.00 Rehearsal for opening ceremony: learning 2008 ASC Student March & arrival of invited guests (Agung Ball Room, ground fl.)
- 10.00-11.00 Opening Ceremony (Agung Ball Room, ground fl.)
- VVIP entrance (with soft Balinese music instrument)
 - Welcoming dance : Sekar Jempiring
 - Welcoming Speech by President of IBASC : Prof. Yuan-Tseh Lee, Ph.D.
 - Public address by RI President: Dr. Susilo Bambang Yudhoyono
 - Ceremonial opening by RI President
 - 2008 Asian Science Camp Opening Dance
 - Balinese Dance performance: Satya Brastha
 - VVIP leaving the room
- 11.00-12.00 Press Conference & Photo session (President, Guests & Speakers, Baris Room, ground fl.)
- 11.00-11.30 Group briefing by LO (Agung Room)
- 11.30-12.00 Problem of the Day I
- 12.00-13.00 Lunch (Agung Room's Canopy)
- 13.00-14.00 Dialogue (President and all participants)
- 14.00-15.30 Plenary Session I
- Prof. Douglas Osherooff, Ph.D.: *Probing the World Near Absolute Zero: The Discovery of Superfluidity of Helium Three* (Agung Ball Room, ground fl.)



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- 15.30-16.00 Tea break II (Agung Room's Canopy)
16.00-17.30 Parallel Sessions I
- Prof. Yuan Tseh Lee, Ph.D.: *The Energy, Environment and the Future of Man Kind* (Agung Ball Room)
 - Prof. Richard Robert Ernst, Ph.D.: *NMR and Its Nobel Glory* (Bali Hai, 10th fl.)
 - Prof. Chintamani N. Rao, F.R.S.: *Learning Science* (Legong-Pendet Room, 2th fl.)
 - Prof. Jiun-Huei Protty Wu, Ph.D.: *From Einstein to Modern Cosmology* (Joged-Kecak Room, 2nd fl.)
- 17.30-19.00 Free Time
19.00-20.30 Dinner & Yoyo show by Oke Rosgana, World's Champion (Ramasita Room)
20.30-21.30 Evening talk I
Speakers:
- Phyliss Osherooff, Ph.D.: *Recent Advances in Biotechnology Research* (Bali Hai Room, 10th fl.)
 - Yow-Pin Lim, M.D.: *A Physician, Scientist, and Entrepreneur in the Biomedical World* (Agung Ball Room)
 - Dr. Teguh Triono, Sp., M.Sc.: *Broad or Narrow, That Is the Question* (Raja Room 1, ground fl.)
 - Rizal Fajar, Ph.D. cand.: *DNA As Smart LEGO Brick for Molecular Self-Assembly* (Raja Room 2, ground fl.)
 - Dr. rer.nat. Hery Haerudin: *How Does Chemist Try To Mimic The Nature* (Joged-Kecak Room, 2nd fl.)
 - Adi Santoso, Ph.D.: (Legong-Pendet Room, 2nd fl.): *Recombinant DNA for Human Therapeutic Use*
 - Nelson Tansu, Ph.D.: *Scientific Research Approaches in Applied Physics and NanoPhototonic* (Baris Room, ground fl.)

Day Three : Tuesday, August 5th, 2008

- 06.00-07.30 Breakfast (Agung Ball Room's Canopy)
07.30-09.00 Plenary Session II (Agung Ball Room, ground fl.)
Prof. Chintamani N. Rao, Ph.D.: *Nanoworld*
09.00-10.30 Parallel Sessions II
- Prof. Douglas Osherooff, Ph.D.: *How Advances in Science Are Made* (Agung Ball Room, ground fl.)
 - Prof. Myriam P. Sarachik, Ph.D.: *Molecular Magnets* (Bali Hai Room, 10th fl.)
 - Yow-Pin Lim, M.D.: *From Laboratory Bench to Bedside: Development of Protein Therapeutic to Fight Sepsis* (Legong-Pendet room, 2nd fl.)
 - Nelson Tansu, Ph.D.: *Solid State Lighting and Semiconductor Nano technology for Energy Applications?* (Joged-Kecak Room, 2nd fl.)
- 10.30-11.00 Tea break I (Agung Room's Canopy)
11.00-12.00 Students to Masters Dialogue (Continued Parallel Sessions)
12.00-13.00 Lunch (Agung Ball Room's Canopy)
14.00-15.30 Panel Discussion I: *Latest Trend in Science Development* (Agung Ball Room, ground fl.)
Moderator: Rizal Malarangeng, Ph.D.
Panelists :
 - Prof. Yuan-Tseh Lee, Ph.D.
 - Prof. Chintamani N.R. Rao, F.R.S.
 - Prof. Myriam R. Sarachik, Ph.D.
 - Prof. Nelson Tansu, Ph.D.



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- 15.30-16.00 Tea break II
- 16.00-18.00 Afternoon activities: Hotel beach front
- | | |
|--------------------------|--------------------------------|
| a. Traditional fun games | d. Egg Painting |
| b. Balinese Kite flying | e. Coconut Leaf Plaiting |
| c. Poco-poco dance | f. Tek-Tekan Percussion Leason |
- 18.00-19.00 Free time
- 19.00-20.00 Dinner & cultural performance (Ramasita Room, ground fl.)
- Sharing by Rizal Fajar
- 20.00-21.00 a. Rector's meeting with Noble Laureates (Ramasita Room, ground fl.)
b. Evening talk II (participants)
- Speakers:
- Dr. rer. nat. Johnny Setiawan: *Astronomy: A Culture, Science and Philosophy for the Humanity* (Bali Hai Room, 10th fl.)
 - Dr. Adi Santoso: *Plant Virus: Story of Its Infection* (Legong-Pendet Room, 2nd fl.)
 - Dr. rer. nat. Hery Haerudin, (Joged-Kecak Room, 2nd fl.)
 - Dr. Teguh Triono, Sp., M.Sc.: *Use Your Computer and Name That Flower* (Raja Room 1, ground fl.)
 - Rizal Fajar, Ph.D. cand. : *Molecular Machines Made of and Fueled by DNA* (Raja Room 2, ground fl.)
 - Prof. Jiun-Huei Protty Wu, Ph.D.: *A Path to The Beautiful Universe and Telescope DIY* (Baris Room, ground fl.)
- 21.00- 22.00 International Board Meeting (Saraswati Room, 10th fl.)

Day Four: Wednesday, August 6th, 2008

- 06.00-07.00 Breakfast (Agung Ball Rooms's Canopy)
- 07.00-08.00 Group Photo (Pendawa Open Stage, pool side)
- 08.00-09.30 Plenary Session III (Agung Ball Room, ground fl.)
Prof. Yuan-Tseh Lee, Ph.D.: *Dynamics of Chemical Reactions & Photo-Chemical Processes*
- 09.30-10.00 Tea Break I (Agung Ball Room's Canopy)
- 10.00-11.30 Panel Discussion II: *The Responsibility of Scientists in Our Time* (Agung Ball Room, ground fl.)
Moderator: Lim Yow Pin, M.D., Ph.D.
Panelists: Prof. Richard Robert Ernst, Ph.D.
Prof. David Gross, Ph.D.
Prof. Masatoshi Koshiba, Ph.D.
Rizal Malarangeng, Ph.D.
- 11.30-11.45 Problem of the Day II (Agung Ball Room)
- 11.45-12.00 Entry to the buses
- 12.00- 21.30 Students' Excursion: (lunch box & snack box in the bus)
- A. Bajhrasandi Monument at Renon - Garuda Wisnu Kencana Cultural Park - Sunset kecak performance at Uluwatu temple- BBQ Seafood Dinner at Jimbaran
- B. Celuk-Mas (silver and woodcarving handicrafts)- Ubud Art village, monkey forest, kecak performance and dinner at Laka Leke restaurant in Ubud
- C. Tanah Lot temple, Puri Ubud (Ubud's royal palace), monkey forest, sunset Kecak Performance & dinner at Laka Leke restaurant in Ubud
- Speaker's tour:
Celuk-Mas (wood carving), Bedugul mountain resort-Ulundanu Temple at Beratan lake side-terraced rice field at Penarungan Village - Puri Ubud (Ubud royal palace)-Ubud art



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market, crispy duck dinner at Bebek Bengil and watch Kecak Performance at Ubud Night Art Performance

Day Five: Thursday, August 7th, 2008

- 06.00-07.30 Breakfast (Agung Ball Rooms's Canopy)
07.30-08.00 Problem of the Day III (Agung Ball Room, ground fl.)
08.00-09.30 Plenary Session IV (Agung Ball Room, ground fl.)
Prof. Richard Robert Ernst, Ph.D.: *My Pathway into Science & Beyond*
09.30-10.00 Tea Break I (Agung Ball Room's Canopy)
10.00-11.30 Plenary Session V (Agung Ball Room, ground fl.)
Prof. Myriam R. Sarachik, Ph.D.: *NanoScience & NanoTechnology*
11.30-13.00 Lunch (Agung Ball Rooms's Canopy)
13.00-14.00 Parallel Sessions III
- Prof. David Gross, Ph.D. (Agung Ball Room)
 - Dr. Laksana Tri Handoko: *Exploring Particle World, small scale but big impact* (Joged-Kecak Room, 2nd fl.)
 - Dr. rer.nat. Johnny Setiawan: *Search for Life in Other Solar Systems* (Legong-Pendet Room, 2nd fl.)
 - Prof. Masatoshi Koshiba, Ph.D.: *21st Century Science from Asia* (Bali Hai Room)
- 14.00-15.00 Students to Master Dialogue II (Continued Parallel Sessions)
15.00-15.30 Tea break (Agung Room's Canopy)
15.30-17.00 Plenary Session VI (Ramasita Room, ground fl.)
Prof. Masatoshi Koshiba: *Universe, Mankind and Elementary Particles at 2008 Asian Science Camp*
17.00-18.30 Free time
18.30-19.00 Bus trip to Renon
19.00-21.00 Dinner reception at Graha Sabha, hosted by the Governor of Bali
21.00-21.30 Return trip to hotel

Day Six : Friday, August 8th, 2008

- 06.00-07.00 Breakfast (Pendawa Open Stage)
07.00-08.30 Plenary Session VII (Agung Ball Room, ground fl.)
Prof. David Gross, Ph.D.: *The Future of Physics*
08.30-09.00 Poster Competition Group Division & distribution of material (Ramasita Room, ground fl.)
09.00-09.30 Tea break I (Pendawa Open stage, pool side)
09.30-12.00 Poster Preparation (Ramasita Room)
11.30-12.00 Friday praying (the mosque at the left side of the hotel gate)
12.00-13.00 Lunch (Pendawa Open Stage)
13.00-14.00 Preparation for Poster Exhibition (Bali Hai Room)
14.00-16.00 Creativity Poster Competition (Bali Hai Room, 10th fl.)
16.00-16.30 Tea Break II (Pendawa Open Stage)
16.30-18.00 Oral Presentation (Ramasita Room)
18.00-19.00 Free Time
19.00-20.00 Dinner
Sharing by Johnny Setiawan (Pendawa Open Stage)
20.00-21.00 Answering the Masters (Ramasita room)
21.00-22.00 Jury's meeting (Saraswati Room. 10th fl.)
21.00-22.00 Farewell gathering: Comments and address exchanges (Ramasita room)



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Day Seven : Saturday, August 9th, 2008

- 06.00-07.30 Breakfast (Agung Ball Room): 2008 ASC Video slides show
- 07.30-08.00 Worldwide Telescope (Microsoft)
- 08.00-09.30 Closing ceremony (Agung Ball Room)
- Award Granting (Steering committee/sponsor)
 - Students' performance
 - Speech from Chairman of 2009 ASC Committee
 - Closing speech: 2008 ASC Chairman
- 9.30-10.00 Check out procedure
- 10.00 Optional tour and later Departure to airport (personal expenses)