

<活動報告>

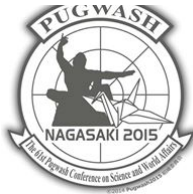


**61st Pugwash Conference on Science & World Affairs**  
***Nagasaki's Voice: Remember Your Humanity***  
**1-5 November 2015, Nagasaki, Japan**  
 [Agenda as of 2 November 2015]

**Sunday, 1 November 2015**

|                      |  |
|----------------------|--|
| 06.30                | Breakfast  |
| 07.45                | Buses depart from Ioujima  |
| 08.45 – 09.00        | Ceremony and Group Photo at Peace Statue   |
| <b>09.00 – 10.30</b> | <b>PLa – Ceremony to honor Hibakusha: Transfer of Pugwash Nobel Peace Symbols (Nagasaki Atomic Bomb Museum)</b> <ul style="list-style-type: none"> <li>Amb. (ret.) Jayantha Dhanapala, Pugwash President (Sri Lanka)</li> <li>Prof. Paolo Cotta-Ramusino, Pugwash Secretary-General (Italy)</li> <li>Prof. Saideh Lotfian, Pugwash Council Chair (Iran)</li> <li>Nagasaki Mayor Tomihisa Taue</li> <li>Hiroshima Mayor Kazumi Matsui*</li> <li>Yoshiro Yamawaki, representative of Hibakusha (Japan)</li> </ul>  |
| <b>10.30 – 12.00</b> | <b>PLb – Tour of Nagasaki Memorial Hall, Nagasaki Atomic Bomb Museum, Nagasaki Peace Park</b>  |
| <b>10.30 – 12.00</b> | <b>PLc – Delegation of Pugwash leaders visit Shiroyama Elementary School</b>   |
| 12.00                | Bus departs for Nagasaki University  |
| 12.30 – 13.30        | Lunch, Nagasaki University   |
| <b>13.30 – 14.45</b> | <b>PL1 – Conference Overview and Messages (Nagasaki University)</b> <ul style="list-style-type: none"> <li>Prof. Paolo Cotta-Ramusino, Pugwash Secretary General (Italy)</li> <li>Amb. (ret.) Jayantha Dhanapala, Pugwash President (Sri Lanka)</li> <li>Dr. Tatsujiro Suzuki, Chair, The Organizing Committee of Nagasaki Conference, Pugwash Council (Japan)</li> </ul> <b>PL2 – WELCOME ADDRESSES (Nagasaki University)</b> <ul style="list-style-type: none"> <li>Nagasaki Governor Hōdō Nakamura (Japan)</li> <li>Nagasaki Mayor Tomihisa Taue (Japan)</li> <li>Nagasaki University President Prof. Shigeru Katamine (Japan)</li> </ul> <b>PL3 – SPECIAL ADDRESS</b> <ul style="list-style-type: none"> <li>Mr. Hitoshi Kikawada, Parliamentary Secretary, Ministry of Foreign Affairs (Japan)</li> </ul> |
| 14.45 – 15.00        | Break  |
|                      | <b>FOURTH SIMONS SYMPOSIUM</b><br><b>Revisiting the Russell-Einstein Manifesto for Humanity's Sake: Paths Towards a Nuclear-Weapon-Free World</b>  |
| <b>15.00 – 15.15</b> | <b>PL4 – OPENING ADDRESS (Nagasaki University)</b> <ul style="list-style-type: none"> <li>Chair: Dr. Steve Miller, Pugwash Executive Committee Chair (USA)</li> <li>Dr. Jennifer Allen Simons, President, The Simons Foundation (Canada)</li> </ul>  |
| <b>15.15 – 16.00</b> | <b>PL5 – Humanitarian Impacts of Nuclear Weapons (Nagasaki University)</b><br>Chair: Bruce Blair, Program on Science and Global Security, Princeton University and founder Global Zero (USA) <ul style="list-style-type: none"> <li>Prof. Emeritus Masao Tomonaga (Japan)</li> <li>Ms. Linh Schroeder, Head of Mission, Japan, International Committee of the Red Cross (Switzerland)</li> </ul> Q&A, Comments   |
| 16.00 – 16.15        | Break  |
| <b>16.15 – 17.30</b> | <b>PL6 – PLENARY SESSION: Path Towards a Nuclear-Weapon-Free World: Prospects for Nuclear Disarmament (Nagasaki University)</b><br>Chair: Prof. Saideh Lotfian, Chair, Pugwash Council (Iran) <ul style="list-style-type: none"> <li>Ms. Anita Friedt, Principal Deputy Assistant Secretary, Bureau of Arms Control, Verification and Compliance, Department of State (USA)</li> <li>Mr. Mikhail Ulyanov, Director of the Department for Non-Proliferation and Arms Control, Ministry of Foreign Affairs (Russia)</li> </ul> Q&A, Comments   |
| <b>17.30 – 18:45</b> | <b>PL7 – PLENARY SESSION: Prospects for Nuclear- and WMD-Free Zones (Nagasaki University)</b><br>Chair: Amb. (ret.) Jayantha Dhanapala, Pugwash President (Sri Lanka) <ul style="list-style-type: none"> <li>Mr. Kim Won-soo, UN Under Secretary-General and Acting High Representative for Disarmament Affairs (Republic of Korea)</li> <li>Prof. Hiromichi Umehayashi, University of Nagasaki (Japan)</li> <li>Amb. J. Enkhsaikhan, Blue Banner (Mongolia)</li> </ul> Q&A, Comments  |
| <b>18.45 – 18.55</b> | <b>PLd – Special Welcome: Exhibition Dedicated to the Heritage of the Former Semipalatinsk Nuclear Test Site</b> <ul style="list-style-type: none"> <li>Amb. Akylbek Kamaldinov, Ambassador Extraordinary and Plenipotentiary of the Republic of Kazakhstan to Japan</li> </ul>  |
| 19.00                | All participants depart for Ioujima  |
| 20.00                | Dinner (Ioujima dining hall)   |
| 22.00                | (Shuttle bus for participants to Nagasaki city hotels)   |

\*To be confirmed. Please note this schedule is tentative and subject to change Page 1



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**Monday, 2 November 2015**

|                      |   |
|----------------------|---|
| 07.30 – 09.00        | Breakfast (Ioujima)   |
| <b>09.00 – 10.30</b> | <b>PL8 – PLENARY SESSION: Nuclear Risks in South Asia (Ioujima)</b><br><i>Chair: Paolo Cotta-Ramusino (Italy), Pugwash Secretary General</i> <ul style="list-style-type: none"> <li>Lt. Gen. (ret.) Khalid Kidwai, advisor, National Command Authority, former head, Strategic Plans Division (Pakistan)</li> </ul> |
| <b>10.30 – 11.00</b> | <b>PL9 – PLENARY SESSION: Report of the Secretary General, "Extremism, Dialogue, and the Pugwash Disarmament Agenda" (Ioujima)</b> <ul style="list-style-type: none"> <li>Prof. Paolo Cotta-Ramusino (Italy)</li> </ul>   |
| 11.00 – 11.45        | Coffee break  |
| <b>11.45 – 13.15</b> | <i>Working Groups meet in parallel sessions (Ioujima)</i>   |
| 13.15 – 14.30        | Lunch   |
| <b>14.30 – 16.00</b> | <i>Working Groups meet in parallel sessions (Ioujima)</i>   |
| 16.00 – 16.30        | Coffee break  |
| <b>16.30 – 18.00</b> | <i>Working Groups meet in parallel sessions (Ioujima)</i>   |
| 19.00                | Dinner (Ioujima dining hall)  |
| 22.00                | (Shuttle bus for participants to Nagasaki city hotels)  |

**Tuesday, 3 November 2015**

|                      |  |
|----------------------|--|
| 07.30 – 09.00        | Breakfast (Ioujima)  |
| <b>09.15 – 10.15</b> | <b>PL10 – KEYNOTE: Moving Forward the CTBT (Ioujima)</b><br><i>Chair: Amb. (ret.) Serguei Batasanov, Pugwash Council (Russia)</i> <ul style="list-style-type: none"> <li>Message from Dr. Lassina Zerbo, Executive Secretary, CTBTO (Burkina Faso)</li> <li>Amb. (ret.) Reza Ziaran, CTBTO, Pugwash Council</li> <li>Amb. (ret.) Sergio de Queiroz Duarte, Group of Eminent Persons, CTBTO, Pugwash Council (Brazil)</li> </ul>  |
|                      | <i>Q&amp;A, Comments</i>   |
| <b>10.15 – 11.45</b> | <b>PL11 – PLENARY SESSION: In Search of Peaceful Co-Existence in Northeast Asia (Ioujima)</b><br><i>Chair: Mr. Leon Sigal, Social Science Research Council (USA)*</i> <ul style="list-style-type: none"> <li>Prof. Seiji Endo, Seikei University (Japan)</li> <li>Dr. Mark Suh, Pugwash Council (Republic of Korea)</li> <li>Dr. Tong Zhao, Carnegie-Tsinghua Center for Global Policy (China)</li> <li>Comment: Prof. Alexander Nikitin, Pugwash Council (Russia)</li> </ul>  |
| 12.00 – 13.00        | Lunch (Ioujima)  |
| 13.00                | Buses depart for Nagasaki University   |
| <b>14.00 – 15.30</b> | <b>PL12 – PLENARY SESSION: Risk of Civil Use of Nuclear Energy (Nagasaki University)</b><br><i>Chair: Dr. Tatsujiro Suzuki, Pugwash Council (Japan)</i> <ul style="list-style-type: none"> <li>Professor Emeritus Kiyoshi Kurokawa, Chairperson, Parliamentary Investigation Commission on the Fukushima Nuclear Accident</li> <li>Prof. Frank Von Hippel, Princeton University (USA)</li> <li>Comment: Prof. Ramamurti Rajaraman, Jawaharlal Nehru University (India)</li> <li>Comment: Ms. Sharon Squassoni, Center for Strategic and International Studies (USA)</li> </ul> |
| <b>16.00 – 17.00</b> | <b>PL13 – DOROTHY HODGKIN LECTURE (Nagasaki University)</b><br><i>Chair: Prof. Francesco Calogero, Pugwash Council (Italy)</i> <ul style="list-style-type: none"> <li>Prof. Osamu Shimomura, Nobel Laureate in Chemistry (Japan)</li> <li>Comment by Professor Emeritus Toshihide Maskawa, Nobel Laureate in Physics (Japan)</li> </ul>  |
| 17.30 – 18.30        | Special dance presentation - "No-gaku" (Nagasaki University Hall)  |
| 18.30                | Buses depart for dinner  |
| 19.00                | <b>PL14 – Special Dinner at Glover Garden, overlooking Nagasaki</b> <ul style="list-style-type: none"> <li>Dinner Speech: Hon. Yohei Kono, former Speaker of the Lower House, former Foreign Minister</li> </ul>   |

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**Wednesday 4 November 2015**

|                      |  |
|----------------------|--|
| 07.30 – 09.00        | Breakfast (Ioujima)  |
| <b>09.00 – 12.00</b> | <b>Working Groups meet in parallel sessions (Ioujima)</b>  |
| 12.00                | Lunch  |
| <b>13.00 – 14.30</b> | <b>Working Groups meet in parallel sessions (Ioujima)</b>  |
| <b>14.45 – 15.15</b> | <b>PL15 – PLENARY SESSION: Presidential Address (Ioujima)</b> <ul style="list-style-type: none"> <li>Pugwash President Jayantha Dhanapala (Sri Lanka)</li> </ul>   |
| 15.15 – 15.30        | Coffee Break   |
| <b>15.30 – 16.45</b> | <b>PL16 – PLENARY SESSION: Iraq, Syria, and Daesh (Ioujima)</b><br><i>Chair: Dr. Anissa Hassouna, Pugwash Council (Egypt)</i> <ul style="list-style-type: none"> <li>Mr. Salah H. Al-Fatlawi, Director General for Scholarships and Cultural Relations, Ministry of Education (Iraq) reading the message of H.E. Hussain al-Shahristani, Minister of Education (Iraq)</li> </ul> |
| <b>16.45 – 18.00</b> | <b>PL17 – PLENARY SESSION: Twelve Years of the Iranian Nuclear Controversy and Negotiations: Lessons Learned</b><br><i>Chair: Prof. Paolo Cotta-Ramusino, Pugwash Secretary General</i> <ul style="list-style-type: none"> <li>H.E. Ali Akbar Salehi, Vice President of Iran and Head, Atomic Energy Organization of Iran (AEOI)</li> </ul>                                      |
| 19.00                | <b>PL18 – Dinner (Ioujima)</b> <ul style="list-style-type: none"> <li>Dinner speech: Dr. Hiroyuki Yoshikawa, former Chairperson of Science Council of Japan, Chair of Japan Pugwash Senior Advisory Council</li> </ul>   |
| 22.00                | (Shuttle bus for participants to Nagasaki city hotels)   |

**Thursday 5 November 2015**

|                      |   |
|----------------------|---|
| 07.30 – 09.30        | Breakfast   |
| <b>09.30 – 10.45</b> | <b>PL19 – PLENARY SESSION: 60 Years after the Russell-Einstein Manifesto: What Next (Ioujima)</b><br><i>Chair: Sandra Ionno Butcher, Executive Director, Pugwash Conferences (USA)</i> <ul style="list-style-type: none"> <li>Michiji Konuma, Japan Pugwash</li> <li>International Student/Young Pugwashites: Anna Peczel (Chair, ISYP Board) and Karim Kadry (outgoing Chair, ISYP Board)</li> </ul> |
| <b>10.45 – 12.00</b> | <b>PL20 – PLENARY SESSION: What's Next? (Ioujima)</b><br><i>Chair: Steve Miller, Pugwash Executive Committee Chair (USA)</i> <ul style="list-style-type: none"> <li>Facilitated dialogue among working group chairs</li> </ul>  |
| <b>12.00 – 12.30</b> | <b>PL21 – Conference Closing – Nagasaki Declaration</b>   |
| <b>12.30 – 14.00</b> | <b>PL22 – NAGASAKI DECLARATION/PRESS CONFERENCE (Ioujima)</b><br>Amb. (ret.) Jayantha Dhanapala, Pugwash President<br>Prof. Paolo Cotta-Ramusino, Pugwash Secretary General<br>Prof. Saideh Lotfian Chair of the Pugwash Council<br>Dr. Steve Miller, Chair of the Pugwash Executive Committee<br>Prof. Tatsujiro Suzuki, Chair, The Organizing Committee of Nagasaki Conference                      |



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**Working Group Information**

*Conveners may suggest additional subtopics and will request some commissioned papers from specific participants. All participants are encouraged to submit proffered papers per the invitation. New: Regional working groups will meet in joint session to determine commonalities and cross-cutting themes.*

**Working Group 1: Humanitarian Impact of Nuclear Weapons**

*Co-conveners: Venance Journe and Masao Tomonaga*

*Co-rapporteurs:*

- a. Effects of use of nuclear weapons on the human body
- b. Experiences of hibakusha around the world
- c. Ecological and socio-economic effects of nuclear weapons and their deliberate or accidental use
- d. Inability to respond to a nuclear weapons related disaster today

**Working Group 2: Concrete Steps Toward a Nuclear Weapon Free World**

*Co-conveners: Peter Jenkins and Mitsuru Kurosawa*

*Co-rapporteurs:*

- a. NPT regime after 2015 Review Conference
- b. Prospects for multilateral, bilateral & unilateral disarmament (convention, ban, time frame)
- c. Missile defense
- d. Nuclear weapons free zones
- e. Other means aimed at nuclear disarmament/non-proliferation

**Working Group 3: Regional Working Group - Europe**

*Co-conveners: Goetz Neuneck and Sergey Batsanov*

*Co-rapporteurs:*

- a. Tactical nuclear weapons
- b. Nuclear doctrines/nuclear sharing
- c. Missile defense
- d. Impact of Ukraine/Crimea crisis on disarmament prospects
- e. Regional security and disarmament
- f. Confidence building measures
- g. Forums for regional dialogue

**Regional Working Group 4: Regional Working Group - the Middle East and Africa**

*Co-conveners: Arnold Luethold and Yoshiko Kurita*

*Co-rapporteurs:*

- a. Middle East WMD Free Zone
- b. Syrian chemical weapons
- c. Regional dialogue and disarmament prospects
- d. Regional arms sales
- e. Confidence building measures
- f. Forums for regional dialogue

**Working Group 5: Regional Working Group - South Asia**

*Co-conveners: Moeed Yusuf and Happyman Jacob*

*Co-rapporteurs:*

- a. Nuclear doctrines
- b. Crisis stability
- c. Confidence building measures
- d. Revisiting the Lahore Declaration
- e. Forums for regional dialogue

**Working Group 6: Regional Working Group - East Asia**

*Co-conveners: Mark Suh and Leon Sigal*

*Co-rapporteurs:*

- a. Regional nuclear weapons free zone
- b. Confidence building measures
- c. Crisis stability
- d. Forums for regional dialogue



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**Working Group 7: Civilian Nuclear Energy, Energy Resources, and International Cooperation**

*Co-conveners: Victor Gilinsky and Ramamurti Rajaraman*

*Co-rapporteur:*

- a. Post-Fukushima assessment of problems related to civil nuclear energy
- b. How to reduce risks of civil nuclear energy and steps to avoid future disasters
- c. Disposal of nuclear waste, nuclear security, safety, non-proliferation
- d. Management and disposal of plutonium
- e. Energy resources (oil, gas) and international cooperation

**Working Group 8: Challenges of Advanced Technologies and the Social Responsibility of Scientists**

*Co-conveners: Karen Hallberg and Masako Ikegami*

*Rapporteur:*

- a. Risks of new state of the art military & dual use civilian technology
- b. Information technology
- c. Nano-technology
- d. Autonomous robots and unmanned vehicles
- e. Nature of responsibility of scientists in 21<sup>st</sup> century