



UNITED NATIONS  
Office for Outer Space Affairs

# CLTP 6 - Self-Introduction

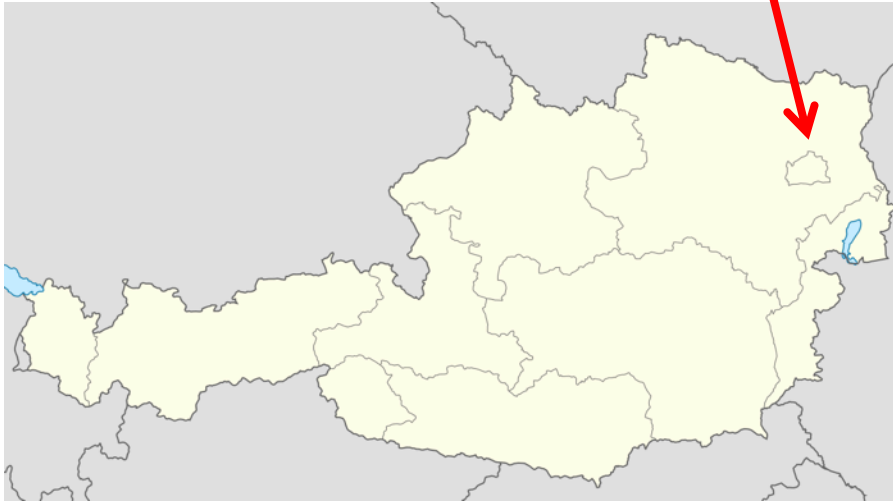
Werner Balogh  
United Nations Office for Outer Space Affairs  
Vienna, Austria

Sixth CanSat Leader Training Programme (CLTP6)  
Sapporo, Japan, 24 August 2015

# Background

- **Name:** Werner Balogh
- **Nationality:** Austrian
- **Academic Background:**
  - Technical Physics
  - Space Studies
  - International Relations
- **Occupation:** Programme Officer with the United Nations Office for Outer Space Affairs
- **Interests:**
  - Space Applications in support of Sustainable Development
  - Space Exploration and the Long-Term Future of Humankind

# Vienna, Austria

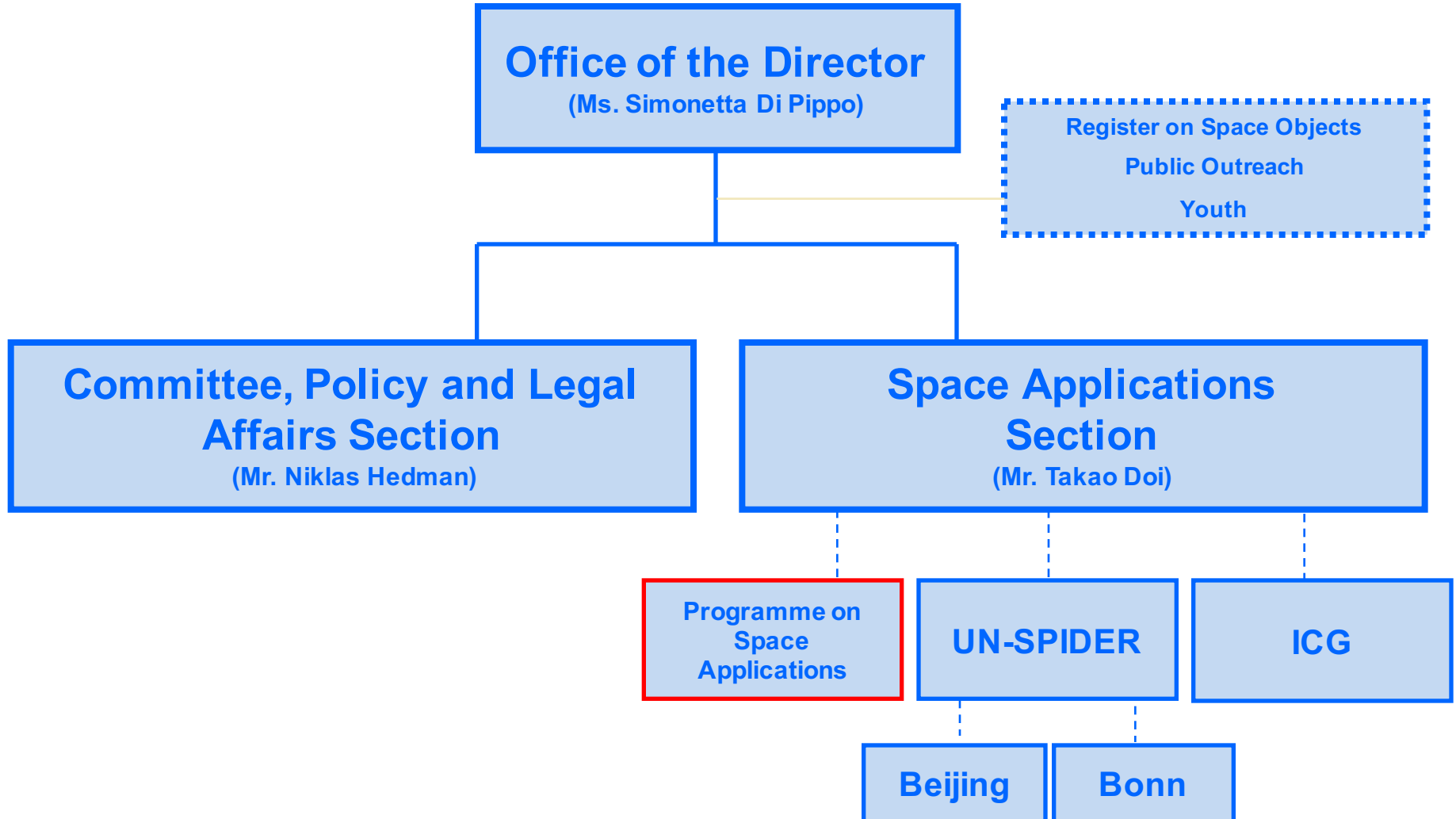




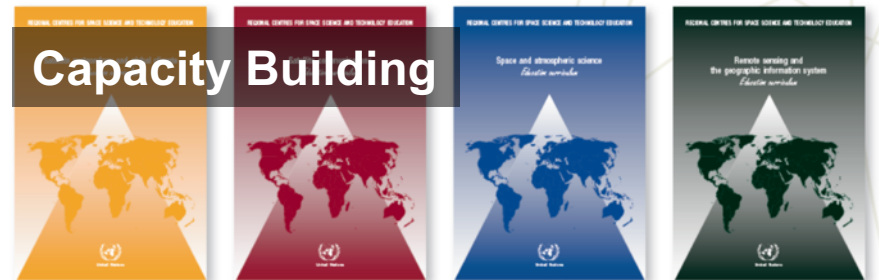
# United Nations Office at Vienna



# Office for Outer Space Affairs



# Office for Outer Space Affairs





# Programme on Space Applications



- Established in response to recommendations of the first UNISPACE conference in 1968
- Became operational in 1971
- Implemented by OOSA
- United Nations Expert on Space Applications
- UNISPACE'82 in 1982, and UNISPACE III in 1999, further expanded the mandate of the Programme

<http://www.unoosa.org/oosa/en/SAP/history.html>

# Programme Implementation

Basic Space Science Initiative  
(BSSI)

Basic Space Technology  
Initiative (BSTI)

Human Space Technology  
Initiative (HSTI)

Conferences and Workshops  
on thematic priorities

Fellowship Programmes

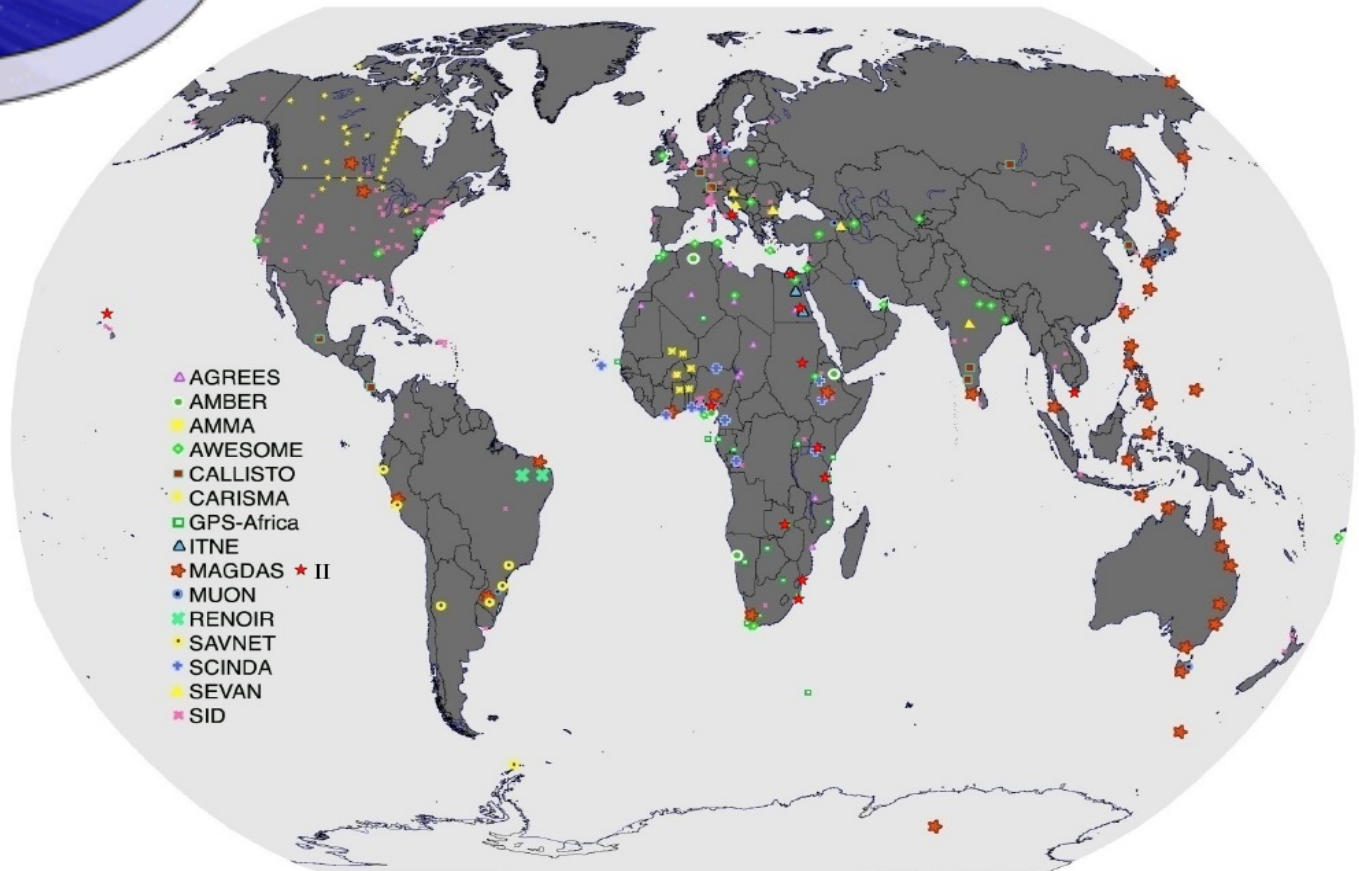
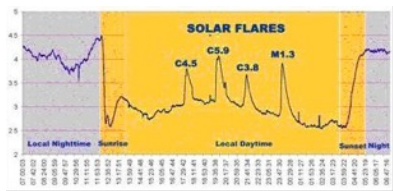
Regional Centres for Space  
Science and Technology  
Education, affiliated to the  
United Nations



# Basic Space Science Initiative (BSSI)

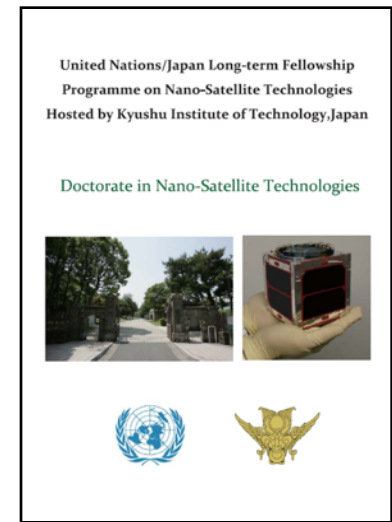


- Int. Space Weather Initiative (2010-2012)
- Deployment and operation of 17 ground-based, world-wide instrument networks
- <http://www.unoosa.org/oosa/en/SAP/bss/index.html>



# Basic Space Technology Initiative (BSTI)

- Support capacity building in basic space technology development, particularly in the field of small satellites
- Annual international space technology symposium
- Long-term fellowship programme
- Space engineering education curriculum
- Regulatory aspects



<http://www.unoosa.org/oosa/en/SAP/bsti/index.html>



# Sustainable Development Goals

 <p><b>GOAL 1</b> END POVERTY IN ALL ITS FORMS EVERYWHERE</p> <p>SUSTAINABLE DEVELOPMENT GOALS More at <a href="http://sustainabledevelopment.un.org/topics/sdg">sustainabledevelopment.un.org/topics/sdg</a></p> <p><b>Poverty</b></p>	 <p><b>GOAL 2</b> END HUNGER, ACHIEVE FOOD SECURITY AND IMPROVED NUTRITION AND PROMOTE SUSTAINABLE AGRICULTURE</p> <p>SUSTAINABLE DEVELOPMENT GOALS More at <a href="http://sustainabledevelopment.un.org/topics/sdg">sustainabledevelopment.un.org/topics/sdg</a></p> <p><b>Food Security</b></p>	 <p><b>GOAL 3</b> ENSURE HEALTHY LIVES AND PROMOTE WELL-BEING FOR ALL AT ALL AGES</p> <p>SUSTAINABLE DEVELOPMENT GOALS More at <a href="http://sustainabledevelopment.un.org/topics/sdg">sustainabledevelopment.un.org/topics/sdg</a></p> <p><b>Health</b></p>	 <p><b>GOAL 4</b> ENSURE INCLUSIVE AND EQUITABLE QUALITY EDUCATION AND PROMOTE LIFELONG LEARNING OPPORTUNITIES FOR ALL</p> <p>SUSTAINABLE DEVELOPMENT GOALS More at <a href="http://sustainabledevelopment.un.org/topics/sdg">sustainabledevelopment.un.org/topics/sdg</a></p> <p><b>Education</b></p>	 <p><b>GOAL 5</b> ACHIEVE GENDER EQUALITY AND EMPOWER ALL WOMEN AND GIRLS</p> <p>SUSTAINABLE DEVELOPMENT GOALS More at <a href="http://sustainabledevelopment.un.org/topics/sdg">sustainabledevelopment.un.org/topics/sdg</a></p> <p><b>Gender Equality</b></p>	 <p><b>GOAL 6</b> ENSURE AVAILABILITY AND SUSTAINABLE MANAGEMENT OF WATER AND SANITATION FOR ALL</p> <p>SUSTAINABLE DEVELOPMENT GOALS More at <a href="http://sustainabledevelopment.un.org/topics/sdg">sustainabledevelopment.un.org/topics/sdg</a></p> <p><b>Water</b></p>
 <p><b>GOAL 7</b> ENSURE ACCESS TO AFFORDABLE, RELIABLE, SUSTAINABLE AND MODERN ENERGY FOR ALL</p> <p>SUSTAINABLE DEVELOPMENT GOALS More at <a href="http://sustainabledevelopment.un.org/topics/sdg">sustainabledevelopment.un.org/topics/sdg</a></p> <p><b>Energy</b></p>	 <p><b>GOAL 8</b> PROMOTE SUSTAINED, INCLUSIVE AND SUSTAINABLE ECONOMIC GROWTH, FULL AND PRODUCTIVE EMPLOYMENT AND DECENT WORK FOR ALL</p> <p>SUSTAINABLE DEVELOPMENT GOALS More at <a href="http://sustainabledevelopment.un.org/topics/sdg">sustainabledevelopment.un.org/topics/sdg</a></p> <p><b>Employment</b></p>	 <p><b>GOAL 9</b> BUILD RESILIENT INFRASTRUCTURE, PROMOTE INCLUSIVE AND SUSTAINABLE INDUSTRIALIZATION AND FOSTER INNOVATION</p> <p>SUSTAINABLE DEVELOPMENT GOALS More at <a href="http://sustainabledevelopment.un.org/topics/sdg">sustainabledevelopment.un.org/topics/sdg</a></p> <p><b>Resilient Infrastructure</b></p>	 <p><b>GOAL 10</b> REDUCE INEQUALITY WITHIN AND AMONG COUNTRIES</p> <p>SUSTAINABLE DEVELOPMENT GOALS More at <a href="http://sustainabledevelopment.un.org/topics/sdg">sustainabledevelopment.un.org/topics/sdg</a></p> <p><b>Reduce Inequality</b></p>	 <p><b>GOAL 11</b> MAKE CITIES AND HUMAN SETTLEMENTS INCLUSIVE, SAFE, RESILIENT AND SUSTAINABLE</p> <p>SUSTAINABLE DEVELOPMENT GOALS More at <a href="http://sustainabledevelopment.un.org/topics/sdg">sustainabledevelopment.un.org/topics/sdg</a></p> <p><b>Cities</b></p>	 <p><b>GOAL 12</b> ENSURE SUSTAINABLE CONSUMPTION AND PRODUCTION PATTERNS</p> <p>SUSTAINABLE DEVELOPMENT GOALS More at <a href="http://sustainabledevelopment.un.org/topics/sdg">sustainabledevelopment.un.org/topics/sdg</a></p> <p><b>Sustainable Consumption</b></p>
 <p><b>GOAL 13</b> TAKE URGENT ACTION TO COMBAT CLIMATE CHANGE AND ITS IMPACTS*</p> <p>SUSTAINABLE DEVELOPMENT GOALS More at <a href="http://sustainabledevelopment.un.org/topics/sdg">sustainabledevelopment.un.org/topics/sdg</a></p> <p><b>Climate Change</b></p>	 <p><b>GOAL 14</b> CONSERVE AND SUSTAINABLY USE THE OCEANS, SEAS AND MARINE RESOURCES FOR SUSTAINABLE DEVELOPMENT</p> <p>SUSTAINABLE DEVELOPMENT GOALS More at <a href="http://sustainabledevelopment.un.org/topics/sdg">sustainabledevelopment.un.org/topics/sdg</a></p> <p><b>Marine Resources</b></p>	 <p><b>GOAL 15</b> PROTECT, RESTORE AND PROMOTE SUSTAINABLE USE OF TERRESTRIAL ECOSYSTEMS, SUSTAINABLY MANAGE FORESTS, COMBAT DESERTIFICATION AND HALT AND REVERSE LAND DEGRADATION AND HALT BIODIVERSITY LOSS</p> <p>SUSTAINABLE DEVELOPMENT GOALS More at <a href="http://sustainabledevelopment.un.org/topics/sdg">sustainabledevelopment.un.org/topics/sdg</a></p> <p><b>Ecosystems and Biodiversity</b></p>	 <p><b>GOAL 16</b> PROMOTE PEACEFUL AND INCLUSIVE SOCIETIES FOR SUSTAINABLE DEVELOPMENT, PROVIDE ACCESS TO JUSTICE FOR ALL AND BUILD EFFECTIVE, ACCOUNTABLE AND INCLUSIVE INSTITUTIONS AT ALL LEVELS</p> <p>SUSTAINABLE DEVELOPMENT GOALS More at <a href="http://sustainabledevelopment.un.org/topics/sdg">sustainabledevelopment.un.org/topics/sdg</a></p> <p><b>Justice and Good Governance</b></p>	 <p><b>GOAL 17</b> STRENGTHEN THE MEANS OF IMPLEMENTATION AND REVITALIZE THE GLOBAL PARTNERSHIP FOR SUSTAINABLE DEVELOPMENT</p> <p>SUSTAINABLE DEVELOPMENT GOALS More at <a href="http://sustainabledevelopment.un.org/topics/sdg">sustainabledevelopment.un.org/topics/sdg</a></p> <p><b>Partnerships for Implementation</b></p>	

 Direct

 Indirect

# Thank you for your attention!



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## Relevant Webpages:

[homepage.univie.ac.at/werner.balogh](http://homepage.univie.ac.at/werner.balogh)

[www.unoosa.org](http://www.unoosa.org)

[sustainabledevelopment.un.org/sdgsproposal.html](http://sustainabledevelopment.un.org/sdgsproposal.html)