14th ASEF ClassNet Conference
Gender Equality: Reprogramming STEM Education
27-30 November 2018, Helsinki & Espoo, Finland

Programme

Co-organised by

Supported by

ASEF’s contribution is with the financial support of the European Union.
DAY 1 - TUESDAY, 27 NOVEMBER 2018
ARRIVAL DAY

Throughout the day  Arrival of Participants

14:30 – 16:30  Check-in to the Hotel & Registration

17:15  Departure to Welcome Reception: City Hall Building

18:00 – 19:00  Welcome Reception
Remarks by Host & Organisers

Ms Pia PAKARINEN
Deputy Mayor for Education
City of Helsinki

Ms Eva BIAUDET
ASEF Governor for Finland

Mr Magnus WESTERLUND
Principal
Gymnasiet Lärkan

Ms Leonie NAGARAJAN
Director, Education Department
Asia-Europe Foundation (ASEF)

19:00  Departure to Hotel

DAY 2 – WEDNESDAY, 28 NOVEMBER 2018
LECTURES, PANEL DISCUSSIONS & COLLABORATIONS

06:30 – 08:00  Breakfast

08:20  Departure to Gymnasiet Lärkan

09:00 – 09:20  Welcome by Host & Organiser

Mr Magnus WESTERLUND
Principal
Gymnasiet Lärkan

Ms Leonie NAGARAJAN
Director, Education Department
Asia-Europe Foundation (ASEF)

09:20 – 09:40  Keynote Speech Followed by Q&A
Gender Equality in STEM Education –
Why is it so Difficult?

Mr Leo PAHKIN
Counsellor of Education
National Agency for Education
09:40 – 10:30  Panel #1  Inclusive Education Policies for the Promotion of STEM and Gender Equality

Ms Juliette BENTLEY  
Teacher  
Mt St Michael’s College  
Australia

Dr Kristina VOLUMARI  
Head of Information and Analysis  
Finnish National Agency for Education  
Finland

Dr Jingmei LI  
Senior Research Scientist  
Genome Institute of Singapore  
Singapore

Prof Stephan HUBER  
Head of the Institute for Management and Economics of Education (IBB)  
University of Teacher Education (PH Zug)  
Switzerland

Moderator:  
Mr José Moura CARVALHO  
Former Head of the Department of ICT in Education (ERTE)  
Directorate-General for Education  
Portugal

10:30 – 11:00  Coffee & Tea Break

11:00 -11:15  Edu Games

11:15 – 12:00  Lecture #1.1  The Fundamentals of Gender: Understanding and Exploring Ingrained Biases

Ms Anni HYVARINEN  
Planning Officer  
Council for Gender Equality, Ministry of Social Affairs and Health  
Finland

12:00 – 12:45  Lecture #1.2  Understanding Gender Issues from Political Perspectives

Ms Eva BIAUDET  
ASEF Governor for Finland

12:45 – 13:00  Group Photo

13:00 -14:00  Lunch

14:00 – 14:30  Student Guided School Tour

Student Volunteers  
Gymnasiet Lärkan

14:30 – 14:45  Introduction and Moderation  
ASEF ClassNet School Collaborations

Ms Leonie NAGARAJAN  
Director, Education Department  
Asia-Europe Foundation (ASEF)
Ms Jyoti RAHAMAN  
Project Officer, Education Department  
Asia-Europe Foundation (ASEF)

ASEF ClassNet Award Finalists

The Power of Songs  
Ms Laurence BARBIER  
Teacher  
Lycée Elie Cartan  
France

Rivers – Elixir of Life  
Ms Arpita DUTTA  
Teacher  
St Mark’s Girls Senior Secondary School  
India

What Matters in Your Life?  
Ms Mariolina Bono  
Teacher  
Liceo Scientifico Statale Enrico Fermi  
Italy

Let’s Stroll in the Street  
Mrs Masinah binti SAHID  
Science Teacher  
Sekolah Menengah Kebangsaan Jeram  
Malaysia

Uniquely Us: Publish It!  
Ms Felicia TAY  
Teacher  
Boon Lay Secondary School  
Singapore

Entrepreneurs’ Bazaar  
Ms Ha Chau PHAM  
Teacher  
Experimental Secondary School  
Viet Nam

14:45 – 16:00  Pitching for ASEF ClassNet 2017 Awards

16:00 – 16:30  Coffee & Tea Break

16:30 – 18:00  Networking for Partnerships: ASEF ClassNet School Collaborations 2019  
All Participants

18:00 onwards  Free Evening
### DAY 3 – THURSDAY, 29 NOVEMBER 2018

**PROGRAMME, as of 21 Nov 2018**

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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<tbody>
<tr>
<td>06:30 – 08:00</td>
<td>Breakfast</td>
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<tr>
<td>08:20</td>
<td>Departure to Gymnasiet Lärkan</td>
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| 09:00 – 09:45 | Immersion in the Finnish School System  
Introduction of Gymnasiet Lärkan and the Education System in Finland  
Mr Magnus WESTERLUND  
Principal  
Gymnasiet Lärkan |
| 09:45 – 10:30 | Panel #2  
Gender Equitable STEM Curriculum and Pedagogy  
Ms Tullia URSCHITZ  
STEM Teacher and Italian Scientix Ambassador  
European SchoolNet  
Prof Markku HANNULA  
Professor of Mathematics Education  
Faculty of Educational Sciences  
University of Helsinki  
Finland  
Dr Roslena JOHARI  
Head  
Brunei Darussalam Teachers Academy (BDTA)  
Dr Michael TAN  
Research Scientist  
Centre for Research in Pedagogy and Practice  
National Institute of Education (NIE)  
Singapore |
| 10:30 – 11:00 | Coffee & Tea Break |
| 11:00 – 11:15 | Edu Games |
| 11:15 – 12:00 | Lecture #2.1  
Teaching STEM in Secondary Schools: Making STEM Learning Inclusive and Relevant for the 21st Century  
Prof Frank BANKS  
Emeritus Professor of Teacher Education  
The Open University  
The United Kingdom |
| 12:00 – 12:45 | Lecture #2.2  
Breaking the STEM Ceiling for Girls: Finding Inspiration from Role Models  
Dr Jingmei LI  
Senior Research Scientist  
Genome Institute of Singapore |
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Presenter(s)</th>
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<tbody>
<tr>
<td>12:45 – 13:45</td>
<td>Lunch</td>
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<tr>
<td>13:45 – 14:00</td>
<td>Group Photo</td>
<td></td>
</tr>
</tbody>
</table>
| 14:00 – 15:30| Workshop #1: Gaming for Teaching STEM      | Ms Elina PERKIÖ  
Director of Pedagogy  
TeacherGaming  
Finland  
Mr Santeri KOIVISTO  
CEO  
TeacherGaming and 5 More Minutes Oy Ltd.  
Finland |
|              | Workshop #2: Building Confidence and Self-efficacy towards STEM Subjects | Mr Einari KURVINEN  
Head of Pedagogy  
Eduten  
Finland |
|              | Workshop #3: Teaching STEM for Nurturing Creativity | Ms Alexia Micallef GATT  
STEM Teacher  
St. Paul’s Missionary College  
Malta |
| 15:30 – 16:00| Coffee & Tea Break                         |                                                                              |
| 16:00 – 17:30| Workshops #1–#3 Continued                  |                                                                              |
| 18:20        | Depart to dinner at Smolna - Government Banquet Hall (Eteläesplanadi 6, Helsinki) |                                                                              |
| 19:00 – 21:00| Closing Ceremony with Farewell Dinner hosted by the Ministry for Foreign Affairs of Finland |                                                                              |
| 19:00 – 19:30| Welcome Remarks by the Host and ASEP ClassNet Award Ceremony | HE Pasi HELLMAN  
ASEM Senior Official  
Ministry of Foreign Affairs of Finland  
Ms Eva BIAUDET  
ASEF Governor for Finland  
Mr Magnus WESTERLUND  
Principal  
Gymnasiet Lärkan  
Ms Leonie NAGARAJAN  
Director, Education Department  
Asia-Europe Foundation (ASEF)  
Coordinators  
ASEF ClassNet 2017 Award Finalists |
<table>
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<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>19:30 – 21:00</td>
<td>Buffet Dinner &amp; Networking</td>
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<tr>
<td>21:00</td>
<td>Depart to Hotel</td>
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**DAY 4 – FRIDAY, 30 NOVEMBER 2018**

**VISIT TO LOCAL SCHOOLS / CULTURAL PROGRAMME**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>06:30 – 08:20</td>
<td>Breakfast</td>
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<tr>
<td>08:20</td>
<td>Departure to Local Schools</td>
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<tr>
<td>09:00 – 12:30</td>
<td>Visit to Local Schools (including lunch)</td>
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<tr>
<td>School #1</td>
<td>Latokartano Comprehensive School, Helsinki</td>
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<tr>
<td>School #2</td>
<td>Vesala Comprehensive School, Helsinki</td>
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<tr>
<td>School #3</td>
<td>High School of Pohjois – Tapiola, Espoo</td>
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<tr>
<td>School #4</td>
<td>Espoon Yhteislyseon Upper Secondary School, Espoo</td>
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<tr>
<td>School #5</td>
<td>Mattlidens Gymnasium, Espoo</td>
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<tr>
<td>12:30 and 13:00</td>
<td>Departure to Hotel followed by Departure to Helsinki City Museum</td>
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<tr>
<td>13:30 – 14:30</td>
<td>Cultural Programme: Helsinki City Museum</td>
</tr>
<tr>
<td>Afternoon</td>
<td>Farewell and Departure of Participants</td>
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- END OF PROGRAMME -