

## Programme

### “What Skills and Abilities Do Children Need for a Worthwhile Future, and What Contribution Can We Make?”

Venue: Robert Bosch Stiftung, Berlin Representative Office, Französische Strasse 32, 10117 Berlin

Moderator: Martin Kloss

#### THURSDAY, 2 NOVEMBER 2017

- 9:00           Arrival and welcome coffee
- 9:30           **Welcome speeches:**  
**Annette Passon**, Project Manager, Robert Bosch Stiftung  
**Marja-Sirkka Einig**, Deputy Head of Division 604 – Higher Education, Science and Research, Federal Foreign Office  
**Prof. Dr Verena Metze-Mangold**, President of the German Commission for UNESCO  
**Dr Nathalie von Siemens**, Managing Director, Siemens Stiftung  
**Michael Fritz**, Executive Director, “Haus der kleinen Forscher” Foundation
- 10:15          **Speed networking**
- 11:00 (approx.) Coffee break
- 11:15          **Keynote speech “Future Trends in Education: 21st Century Skills”**  
**Prof. Andreas Schleicher**, Director for Education and Skills and Special Advisor on Education Policy to the Secretary-General, OECD, Paris
- 11:45          **Panel: Why and How Are We Supporting STEM Education Worldwide?** (Followed by discussion)  
**Prof. Dr Hans-A. Bachor**, Science Consultant & Professor Emeritus, Australian National University, Australia  
**Mayte Morales**, Director, Instituto APOYO, Peru  
**Nyokabi Njuguna**, Founder and Executive Director, Impacting Youth Trust., Kenya  
**Nawneet Ranjan**, Founder and Director, Dharavi Diary, India  
**Prof. Andreas Schleicher**, Director for Education and Skills, OECD, Paris  
**Dr Ekkehard Winter**, Executive Director, Deutsche Telekom Foundation, Germany
- 13:00          Lunchtime snack (combined with a tour of the posters of the initiatives who contributed to the programme)
- 14:30          Division into working groups
- 14:45          **Working Groups Block: STEM and More** (1st round)  
Working Group #1: STEM + Education for Sustainable Development (ESD)  
Working Group #2: STEM + the Arts  
Working Group #3: STEM + Computer Science  
Working Group #4: STEM + Language  
Working Group #5: STEM + Values  
Working Group #6: What Skills and Abilities Do Children Need for a Worthwhile Future?

- 16:15 (approx.) Coffee break
- 16:45 **Working Groups Block: STEM and More** (2nd round)
- 19:00 Dinner, music, and networking

## FRIDAY, 3 NOVEMBER 2017

- 9:00 Energizer
- 9:15 Welcome  
**Dr Nathalie von Siemens**, Managing Director, Siemens Stiftung  
**Michael Fritz**, Executive Director, “Haus der kleinen Forscher” Foundation
- 9:30 Group Photo
- 9:50 **Coffee to go – Gallery walk: Reports from the previous day’s working groups**
- 10:30 Division into working groups
- 10:45 **Working Groups Block: How Can We Foster Inquiry-Based Science Education (IBSE)?** (1st round)  
 Working Group #1: Pedagogic Approaches  
 Working Group #2: Outcome Orientation  
 Working Group #3: Digital Learning  
 Working Group #4: Continuing Professional Development (CPD)
- 12:15 Lunchtime snack
- 13:00 **Working Groups Block: How Can We Foster Inquiry-Based Science Education (IBSE)?** (2nd round)
- 14:30 (approx.) Coffee break
- 15:00 **Panel: Reports from the working groups**
- 15:40 **Keynote speech “What Skills and Abilities Do Children Need for a Worthwhile Future?”**  
 (followed by discussion)  
**Dr Auma Obama**, Founder and Director, Sauti Kuu Foundation, Kenya
- 16:30 **Outlook and Conclusion:**  
**Dr Nathalie von Siemens**, Managing Director, Siemens Stiftung  
**Michael Fritz**, Executive Director, “Haus der kleinen Forscher” Foundation
- 17:00 End

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