Deliverable description and summary of achieved results (max. 2400 char.):

This Deliverable Report D1.4 briefly describes the organization and selected intended goals of the International Nano-Optoelectronics Workshop 2009 (iNOW2009) held one week in Stockholm, Sweden and then continued the very next week in Berlin, Germany during the period 02-15 August 2009. The iNOW2009 was supported in part by the VISIT Project of the European Commission’s Seventh Framework Programme (EC FP7). Additionally, several invited and contributed talks and poster presentations contained VISIT Project-generated results and were presented by active VISIT Project partners and affiliated graduate students.

The iNOW was initiated in 2006 by a group of United States of America researchers primarily from the University of California (UC) at Berkeley, the Leland Stanford Jr. University, and the University of Illinois at Urbana-Champaign. The iNOW brings together a group of about 150 of the world’s top graduate students and up to about 60 of some of the world’s most distinguished researchers from industry and academia, selected by an advisory committee, in the broad fields of nanotechnology and optoelectronics for what is essentially a summer school and at the same time an opportunity for mentoring, cultural learning and appreciation, and the building and strengthening of scientific collaborations. The distinguished researchers (lecturers) receive full coverage of their local expenses and in some cases also their travel expenses. The students pay fully for themselves through their universities and toward some of the expenses of the lecturers.

The selected students present a survey of their most recent research results via short oral presentations and during follow-on extended poster sessions wherein not more than 30 posters are presented in parallel thus leaving ample time for technical discussions, networking, and mentoring between the students and between the students and the distinguished researchers. Additionally these same distinguished researchers present a daily schedule of lectures covering the most fascinating and perplexing research topics of the day. Finally all participants take part in planned social events and excursions to fully acquaint themselves with the traditions and cultures of the host countries, and to facilitate new inter-group collaborations.

The iNOW2007 and iNOW2008 gatherings were held in China and in Japan, respectively, and received support from national research agencies and industrial partners and agencies. Prof. Dr. Dieter Bimberg of the Technical University Berlin, the Coordinator of the EC FP7 VISIT Project, and Prof. Dr. Lars Thylen of the Royal Institute of Technology (KTH) Stockholm, and Prof. Dr. Constance Chang-Hasnain of UC Berkeley, together organized the iNOW 2009. As a result the iNOW2009 was supported in part by the EC FP7 VISIT Project.
The iNOW2009 program included lectures on vertical cavity surface emitting lasers, tilted-wave lasers, and the development of high-speed short-reach optical communication systems – all priority topics of the EC FP7 VISIT Project. The distinguished lecturers for these subjects were recruited from among the many eminent scientists and scientific reviewers participating in the VISIT Project. Several students from VISIT Project partner universities also participated in the iNOW2009 event. The following is a list of the distinguished lectures and poster presentations given by VISIT Project participants:

VISIT Project-related iNOW2009 Distinguished Lectures and Student Poster Presentations


The iNOW2009 was an extreme success. As a result the workshop will again be held next year in China as iNOW2010. As in year 2009, the Coordinator of the EC FP7 VISIT Project Prof. Dr. Dieter Bimberg will actively serve on the iNOW2010 steering committee.

Contributors: TUB

Attachments:

Summary Program for the 2009 International Nano-Optoelectronics Workshop
2009 International Nano-Optoelectronics Workshop

Co-Chairs:

Connie Chang-Hasnain
Dieter Bimberg
Lars Thylen

University of California, Berkeley
Technical University of Berlin
Royal Institute of Technology, Stockholm

USA
Germany
Sweden

Stockholm, Sweden and Berlin, Germany - August 2-15, 2009
# Table of Contents

- Message from the Co-Chairs ii-vi
- Program Overview vi-vii
- Detailed Program xviii

## Invited Speakers’ Biographies and Abstracts

<table>
<thead>
<tr>
<th>Name</th>
<th>Institution</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Markus Amann</td>
<td>Technical University of Munich</td>
<td>39</td>
</tr>
<tr>
<td>Oliver Ambacher</td>
<td>Fraunhofer IAF Freiburg</td>
<td>22</td>
</tr>
<tr>
<td>Yasushiko Anakawa</td>
<td>University of Tokyo</td>
<td>1</td>
</tr>
<tr>
<td>Toshihiko Baba</td>
<td>Yokohama National University</td>
<td>41</td>
</tr>
<tr>
<td>Uwe Bandelow</td>
<td>Weierstrass Institute Berlin</td>
<td>109</td>
</tr>
<tr>
<td>Günther Bauer</td>
<td>University of Linz</td>
<td>35</td>
</tr>
<tr>
<td>Oliver Benson</td>
<td>Humboldt University Berlin</td>
<td>59</td>
</tr>
<tr>
<td>Pallab Bhattacharya</td>
<td>University of Michigan</td>
<td>3</td>
</tr>
<tr>
<td>Dieter Bimberg</td>
<td>Technical University of Berlin</td>
<td>54</td>
</tr>
<tr>
<td>Gunnar Björk</td>
<td>Royal Institute of Technology</td>
<td>30</td>
</tr>
<tr>
<td>Alex Bratkovsky</td>
<td>Hewlett-Packard Laboratory</td>
<td>10</td>
</tr>
<tr>
<td>Jens Bus</td>
<td>Gayton Photonics Ltd</td>
<td>32</td>
</tr>
<tr>
<td>Connie Chang-Hasnain</td>
<td>University of California, Berkeley</td>
<td>6</td>
</tr>
<tr>
<td>Zhangyuwan Chen</td>
<td>Peking University</td>
<td>89</td>
</tr>
<tr>
<td>Shun-Lien Chuang</td>
<td>University of Illinois at Urbana-Champaign</td>
<td>47</td>
</tr>
<tr>
<td>Peter Defyett</td>
<td>University of Central Florida</td>
<td>33</td>
</tr>
<tr>
<td>Dennis G. Deppe</td>
<td>University of Central Florida</td>
<td>56</td>
</tr>
<tr>
<td>Vladimir Dubrovskii</td>
<td>A.F. Loffe Institute</td>
<td>78</td>
</tr>
<tr>
<td>Thomas Ebbesen</td>
<td>University of Strasbourg</td>
<td>12</td>
</tr>
<tr>
<td>Gadi Eisenstein</td>
<td>Technion</td>
<td>45</td>
</tr>
<tr>
<td>Alfred Forchel</td>
<td>University of Wurzburg</td>
<td>26</td>
</tr>
<tr>
<td>Christian Fricke</td>
<td>OramOS Regensburg</td>
<td>95</td>
</tr>
<tr>
<td>Nicolas Grandjean</td>
<td>EPF Lausanne</td>
<td>24</td>
</tr>
<tr>
<td>James Harris</td>
<td>Stanford University</td>
<td>62</td>
</tr>
<tr>
<td>Yi-Dong Huang</td>
<td>Tsinghua University</td>
<td>49</td>
</tr>
<tr>
<td>Yong-Zhen Huang</td>
<td>Semiconductor Institute, Chinese Academy of Sciences</td>
<td>103</td>
</tr>
<tr>
<td>Ivan Kaminow</td>
<td>University of California, Berkeley</td>
<td>52</td>
</tr>
<tr>
<td>Yasuo Kokubun</td>
<td>Yokohama National University</td>
<td>28</td>
</tr>
<tr>
<td>Fumio Koyama</td>
<td>Tokyo Institute of Technology</td>
<td>37</td>
</tr>
<tr>
<td>Michael Kneissi</td>
<td>Technical University of Berlin</td>
<td>76</td>
</tr>
<tr>
<td>Mike Krames</td>
<td>Philips Lumiledes San Jose</td>
<td>96</td>
</tr>
<tr>
<td>Alois Krost</td>
<td>University of Magdeburg</td>
<td>98</td>
</tr>
<tr>
<td>Pei-Cheng Ku</td>
<td>University of Michigan</td>
<td>80</td>
</tr>
<tr>
<td>Anders Larsson</td>
<td>Chalmers University Göteborg</td>
<td>87</td>
</tr>
<tr>
<td>Nikolay Ledentsov</td>
<td>VIS GmbH Berlin</td>
<td>91</td>
</tr>
<tr>
<td>Tien Pei Lee</td>
<td>Bellcore (Retired)</td>
<td>52</td>
</tr>
<tr>
<td>Yong-Hee Lee</td>
<td>Korea Advanced Institute of Science and Technology</td>
<td>51</td>
</tr>
<tr>
<td>Tingye Li</td>
<td>AT&amp;T Labs (retired)</td>
<td>8 &amp; 52</td>
</tr>
<tr>
<td>Norbert Lichtenstein</td>
<td>Oclaro Zürich</td>
<td>16</td>
</tr>
<tr>
<td>Yi Luo</td>
<td>Tsinghua University</td>
<td>13</td>
</tr>
<tr>
<td>Antonio Luque</td>
<td>Universidad Politécnica de Madrid</td>
<td>101</td>
</tr>
<tr>
<td>Bo Monemar</td>
<td>Linköpings University</td>
<td>74</td>
</tr>
<tr>
<td>David Miller</td>
<td>Stanford University</td>
<td>82</td>
</tr>
<tr>
<td>Jesper Mørk</td>
<td>Technical University of Denmark</td>
<td>93</td>
</tr>
<tr>
<td>Yoshiaki Nakano</td>
<td>University of Tokyo</td>
<td>68</td>
</tr>
<tr>
<td>Cun-Zheng Ning</td>
<td>Arizona State University</td>
<td>72</td>
</tr>
<tr>
<td>David Payne</td>
<td>University of Southampton</td>
<td>20</td>
</tr>
<tr>
<td>Lars Podlowski</td>
<td>Solon AG Berlin</td>
<td>61</td>
</tr>
<tr>
<td>Min Qiu</td>
<td>Royal Institute of Technology</td>
<td>43</td>
</tr>
<tr>
<td>Hans Queisser</td>
<td>MPF Stuttgart</td>
<td>100</td>
</tr>
<tr>
<td>Harald Rohde</td>
<td>Nokia Siemens Networks Munich</td>
<td>84</td>
</tr>
<tr>
<td>Lars Samuelsson</td>
<td>University of Lund</td>
<td>4</td>
</tr>
<tr>
<td>Carsten Schmidt-Langhorst</td>
<td>Heinrich Hertz Institut Berlin</td>
<td>17</td>
</tr>
<tr>
<td>Eckehard Schöll</td>
<td>Technical University of Berlin</td>
<td>70</td>
</tr>
<tr>
<td>Vitaly Shchukin</td>
<td>PBC GmbH Berlin</td>
<td>107</td>
</tr>
<tr>
<td>Lars Thylen</td>
<td>Royal Institute of Technology</td>
<td>105</td>
</tr>
<tr>
<td>Urban Westergren</td>
<td>Royal Institute of Technology</td>
<td>15</td>
</tr>
<tr>
<td>Alan Willner</td>
<td>University of Southern California</td>
<td>9</td>
</tr>
<tr>
<td>Ming Wu</td>
<td>University of California, Berkeley</td>
<td>66</td>
</tr>
<tr>
<td>El Yablonovitch</td>
<td>University of California, Berkeley</td>
<td>19 &amp; 58</td>
</tr>
<tr>
<td>C.C. Yang</td>
<td>National Taiwan University</td>
<td>64</td>
</tr>
</tbody>
</table>
A MESSAGE FROM THE CO-CHAIRS

Bienvenue – Recepción – Добро пожаловать – 환영 – स्वागत !!!

We warmly welcome you to the International Nano-Optoelectronics Workshop (iNOW) held in Stockholm, Sweden and Berlin, Germany. The primary objective of this workshop is to provide a forum for nano-photonics researchers from universities and institutes worldwide to present their latest results in nano-optoelectronics research, as well as a networking platform for the nano-optoelectronics community to develop a roadmap for future development in photonics.

The iNOW program features an outstanding series of lectures by internationally recognized scientists and industrial leaders as well as poster sessions for participating students to present and discuss their own research results. With 30 technical sessions (15 at Stockholm and 15 at Berlin), one business and career related rump session, two Nobel sessions (one at Stockholm and one at Berlin), and five poster sessions (2 at Stockholm and 3 at Berlin), iNOW covers an extraordinarily large scope of multidisciplinary research in nano-optoelectronics and their applications.

The iNOW mission is to establish bridging and networking opportunities for students, researchers and engineers from photonics industries. A unique part of iNOW is a schedule with ample amount of time for interaction, discussion and cultural experiences. The poster sessions at Stockholm and Berlin will enable the work of young scientists to reach an influential audience at international level. Special tours of Royal Institute of Technology and the Nobel and Wasa Museums of Stockholm have also been arranged for the participants. Excursions to unique Stockholm archipelago, an open air concert night at the castles of Potsdam and visit to the Pergamon Museum and Brandenburg Gate in Berlin will provide additional opportunities for interactions among attendees. The rump session will surely provide plenty of opportunities for close interactions with leaders in the field. We expect exhilarating discussions, invigorating debates and many interesting informal exchanges, which will hopefully stimulate future collaborations and spark new ideas for technology breakthroughs.

We would like to express our gratitude to all invited speakers, students and researchers for their participation and contributions. We want to acknowledge the generosity of Laytec GmbH, Osram Opto Semiconductors GmbH, PBC Lasers GmbH, SENTECH Gmbh and u2t AG for their support of the Best Poster Awards. Finally, we thank the support and sponsorship of National Science Foundation, DARPA, University of California Berkeley’s Nanoscience and Nanoengineering Institute (BNNI), DFG via SFB 787 “Semiconductor NanoPhotonics” and its integrated graduate school, EU via its FP 7 STREP “VISIT”, the Technical University of Berlin, ECOC 2004 Foundation, KTH, Acreo, Vinnova, the Swedish Foundation for Strategic Research as well as the Swedish Scientific Council.

We hope you will enjoy the lectures and the social events, and take advantage of the unique workshop format to establish collaboration and exchange ideas with colleagues from all over the world. Have a great time at this workshop in Stockholm and Berlin!

Connie Chang-Hasnain University of California Berkeley, USA
Dieter Bimberg Technical University of Berlin, Germany
Lars Thylen Royal Institute of Technology (KTH), Sweden
Program Overview

Sunday, August 2 (Grand Hotel, Saltsjöbaden, Stockholm)
18:00-20:00 Registration and Reception (Grand Hotel, Saltsjöbaden, Stockholm)

Monday, August 3 (Grand Hotel, Saltsjöbaden, Stockholm)
08:00-08:45 Registration
09:00-09:15 Opening Ceremony, Stockholm
(Chairs: Lars Thylen and Dieter Bimberg)
Connie Chang-Hasnain: welcome
09:15-10:00 Nobel Session
Sune Svanberg (University of Lund)
10:00-10:30 Tea & Coffee Break
10:30-12:00 Session MoA1: Q-Dot-based devices I (Chair: Dieter Bimberg)
Yasuhiro Arakawa (University of Tokyo)
Pallab Bhattacharya (University of Michigan)
12:00-13:00 Lunch
13:00-14:30 Session MoA2: Nanostructures I (Chair: Günther Bauer)
Lars Samuelson (University of Lund)
Connie Chang-Hasnain (UC Berkeley)
14:30-15:00 Tea & Coffee Break
15:00-16:30 Poster Session 1 (Chair: Yasuhiko Arakawa, 30P x 3min)
16:30-18:00 Poster Viewing
19:00-21:00 Dinner

Tuesday, August 4 (Grand Hotel, Saltsjöbaden, Stockholm)
08:00-08:30 Registration
08:30-10:00 Session TuA1: Applications I (Chair: Peter Delfyett)
Tingye Li (ATT Labs, retired)
Alan Willner (U Southern California)
10:00-10:30 Tea & Coffee Break
10:30-12:00 Session TuA2: Plasmonics (Chair: Min Qiu)
Alex Bratkovskii (Hewlett-Packard Laboratories)
Thomas Ebbesen (Université de Strasbourg)
12:00-13:00 Lunch
13:00-14:30 Session TuA3: High Speed Devices I (Chair: Pallab Bhattacharya)
Yi Luo (Tsinghua University)
Urban Westgren (KTH Stockholm)
14:30-15:00 Tea & Coffee Break
15:00-16:30 Session TuA4: Commercialization of Photonics (Chair: Ivan Kaminow)
Norbert Lichtenstein (Bookham Zürich)
Carsten Schmidt-Langhorst (Heinrich Hertz Institut Berlin)
16:30-18:00  Session **TuA5**: Future Development in Photonics (Chair: Shun-Lien Chuang)
*Eli Yablonovich (UC Berkeley)*
*David Payne (University of Southampton)*

19:00-21:00  Barbeque dinner at Saltsjöbaden

**Wednesday, August 5 (Grand Hotel, Saltsjöbaden, Stockholm)**

08:00-08:30  Registration
08:30-10:00  Session **WeA1**: GaN- Based Devices (Chair: Jürgen Christen)
*Oliver Ambacher (Fraunhofer IAF Freiburg)*
*Nicolas Grandjean (EPF Lausanne)*

10:00-10:30  Tea & Coffee Break
10:30-12:00  Session **WeA2**: Microcavity I (Chair: Gunnar Björk)
*Alfred Forchel (University of Würzburg)*
*Yasuo Kokubun (Yokohama National University)*

12:00-13:00  Lunch
13:00-14:30  Session **WeA3**: Applications II (Chair: Yasuo Kokubun)
*Gunnar Björk (KTH Stockholm)*
*Jens Buus (Gayton Photonics Ltd)*

14:30-16:00  **Poster Session 2** (Chair: Yi Luo, 30P x 3min)
16:00-17:30  Poster Viewing
18:00-21:30  Dinner and boat tour
21:30-22:00  Transportation to Stayat Hotel in Kista

**Thursday, August 6 (KTH, Kista)**

08:00-08:30  Registration
08:30-10:00  Session **ThA1**: Nanostructuctures II (Chair: Lars Thylen)
*Peter Delfyett (University of Central Florida)*
*Günter Bauer (University of Linz)*

10:00-10:30  Tea & Coffee Break
10:30-12:00  Session **ThA2**: Lasers I (Chair: Yi-Dong Huang)
*Fumio Koyama (Tokyo Institute of Technology)*
*Markus Amann (TU Munich)*

12:00-13:00  Lunch
13:00-17:00  Visit to Royal Institute of Technology (KTH)
17:30-21:00  Visit to the Nobel Museum and dinner in the Old Town

**Friday, August 7 (KTH, Kista)**

08:00-08:30  Registration
08:30-10:00  Session **FrA1**: Photonic Crystals I (Chair: T. P. Lee)
*Toshihiko Baba (Yokohama National University)*
*Min Qiu (KTH Stockholm)*

10:00-10:30  Tea & Coffee Break
10:30-12:00  Session **FrA2**: Physics I (Chair: Yong-Hee Lee)
*Gadi Eisenstein (Technion Haifa)*
*Shun-Lien Chuang (University of Illinois)*

12:00-13:00  Lunch
13:00-14:30  Session **FrA3**: Photonic Crystals II (Chair: Toshihiko Baba)
*Yi-Dong Huang (Tsinghua University)*
*Yong-Hee Lee (KAIST, Seoul)*

14:30-16:30  **Rump Session 1**: Key elements for success
Organizers:
  Ivan Kaminow  (UC Berkeley)
  Tien Pei Lee  (Bellcore, retired)
  Tingye Li – Chair  (AT&T, retired)

18:00-22:00  Exhibition of the world famous 17th century warship Vasa, with a buffet at the museum

Saturday, August 8
  06:30  Bus transfer to Arlanda airport
  06:30-16:00  Flight to Berlin (departure 08:25 Stockholm / Arlanda; arrival 10:00 Berlin)
  18:00-22:00  Welcome party in the Eugene Wigner building of the TU-Berlin

Sunday, August 9
  10:00-18:00  Boat tour to Lakes and Castles in Brandenburg and Berlin,
                Grill party at Schwielowsee, Visit of Castle Cecilienhof, Potsdam
  20:00-22:00  Dinner

Monday, August 10 (Berlin)
  08:00-08:45  Registration
  08:45-09:00  Opening Ceremony, Berlin  (Chair: Dieter Bimberg and Lars Thylen)
               Johann Köppel, Vice President for Research: Welcome
  09:00-10:30  Nobel Session  (Chair: Dieter Bimberg)
               Klaus von Klitzing (MPIF Stuttgart)
  10:30-11:00  Tea & Coffee Break
  11:00-12:30  Session MoB1: Q-Dot-based devices II (Chair: Nicolas Grandjean)
               Dieter Bimberg (TU Berlin)
               Dennis Deppe (University of Central Florida)
  12:30-13:30  Lunch
  13:30-15:00  Session MoB2: Physics II (Chair: Connie Chang-Hasnain)
               Eli Yablonovitch (UC Berkeley)
               Oliver Benson (Humboldt University Berlin)
  15:00-16:30  Poster Session 3  (Chair: Axel Hoffmann 30P x 3min)
  16:30-18:00  Poster Viewing
  20:00-22:00  Dinner

Tuesday, August 11 (Berlin)
  08:00-08:30  Registration
  08:30-10:00  Session TuB1: Solar Cells I (Chair: Hans Queisser)
               Lars Podlowski (Solon AG Berlin)
               James Harris (Stanford University)
  10:00-10:30  Tea & Coffee Break
  10:30-12:00  Session TuB2: Photonics (Chair: Dennis G. Deppe)
               Chih-Chung Yang (National Taiwan University)
               Ming Wu (UC Berkeley)
  12:00-13:00  Lunch
  13:00-14:30  Session TuB3: Novel Devices I (Chair: Ming Wu)
               Yoshiaki Nakano (University of Tokyo)
               Eckehard Schöll (TU Berlin)
  14:30-15:00  Tea & Coffee Break
  15:00-15:45  Session TuB4: Novel Devices II (Chair: Michael Kneissl)
               Cun-Zheng Ning (Arizona State University)
15:45-17:15  **Poster Session 4** (Chair: Ivan Kaminow, 30P x 3min)
17:15-19:00  Poster Viewing
20:00-22:00  Dinner

**Wednesday, August 12 (Berlin)**

08:00-08:30  Registration
08:30-10:00  **Session WeB1**: GaN-Based Devices II (Chair: Günther Tränkle)
            Bo Monemar (Linköping University)
            Michael Kneissl (TU Berlin)
10:00-10:30  Tea & Coffee Break
10:30-12:00  **Poster Session 5** (Chair: T. Li, 30P x 3min)
12:00-13:00  Lunch
13:00-14:30  Poster Viewing
14:30-15:15  Hermann Parzinger: Short introduction to German History and the
            History of Museum Island
15:15-18:30  Visit of Reichstag, Museum Island, Pergamon Museum, Brandenburg Gate
18:30-22:00  Free evening in the scenic parts of Berlin and free Dinner

**Thursday, August 13 (Berlin)**

08:00-08:30  Registration
08:30-10:00  **Session ThB1**: Nanostructures III (Chair: Markus Weyers)
            Vladimir Dubrovskii (Ioffe Institut St. Petersburg)
            Pei-Cheng Ku (University of Michigan)
10:00-10:30  Tea & Coffee Break
10:30-12:00  **Session ThB2**: Applications III (Chair: Yongzhen Huang)
            Dave Miller (Stanford University)
            Harald Rohde (Nokia Siemens Networks Munich)
12:00-13:00  Lunch
13:00-14:30  **Session ThB3**: High Speed Devices II (Chair: Chih-Chung Yang)
            Anders Larsson (Chalmers University Göteborg)
            Zhangyuan Chen (Peking University)
14:30-15:00  Break
15:00-16:30  **Session ThB4**: Laser II (Chair: Yoshi Nakano)
            Nikolai Ledentsov (VIS GmbH Berlin)
            Jesper Mork (Technical University of Denmark)
17:30-22:00  Visit of and Banquet at the Wasserwerk Berlin - Best Poster Award Ceremony

**Friday, August 14 (Berlin)**

08:00-08:30  Registration
08:30-10:00  **Session FrB1**: Industry Forum I: The future of lighting and short wavelength
            lasers (Chair: Jürgen Christen)
            Christian Fricke (OsramOS Regensburg)
            Mike Krames (Philips Lumileds San Jose)
            Alois Krost (University of Magdeburg)
10:00-10:30  Tea & Coffee Break
10:30-12:00  **Session FrB2**: Solar Cells II (Chair: James Harris)
            Hans Queisser (MPIF Stuttgart)
            Antonio Luque (Universidad Politécnica de Madrid)
12:00-13:00  Lunch
13:00-14:30  **Session FrB3**: Microcavity II (Chair: Anders Larsson)
            Yongzhen Huang (Institute of Semiconductors CAS)
Lars Thylen (KTH Stockholm)

14:30-15:00 Break
15:00-16:30 Session FrB4: Modelling (Chair: Dieter Bimberg)
Vitali Shchukin (PBC GmbH Berlin)
Uwe Bandelow (Weierstrass Institute Berlin)

17:30-23:30 Night of the Castles at Potsdam and symphony concert - Adam Fischer and the Austrian-Hungarian Haydn Orchestra - soloist: Sol Gabetta (violoncellist) - (departure sharp)

Saturday, August 15 (Berlin)
08:00-11:00 Departure