

**IUPAC COMMITTEE ON CHEMISTRY EDUCATION**  
**Meeting at the**  
**47th General Assembly IUPAC**  
**Istanbul, Turkey**



In Memoriam Erica Steenberg (<http://www.radmaste.org.za/astaff.htm>)

# IUPAC COMMITTEE ON CHEMISTRY EDUCATION

## Meeting at the 47th General Assembly IUPAC Istanbul, Turkey

Meeting times:

*Sunday August 11, 09.00 - 12.30 and 14:00-17:30 joint lunch*

*Meeting location Harbiye Military Museum Kocatepe*

*Monday August 12. 09.00 -12.30*

*Meeting location Harbiye Military Museum Inonu*

|       |  |
|-------|--|
| 09.00 | <b>1. Welcome, introduction and orientation (45')</b><br><b>In memoriam Erica Steenberg</b><br>Likely attendees (see table below)<br>Introductions   |
| 09.45 | <b>2. Decision on agenda (5')</b>  |
| 09.50 | <b>3. Minutes of CCE- meeting in ROME July 2012[CCE2013_3] (10')</b>   |
| 10.00 | <b>4. Matters arising from the minutes of CCE and new Business (10')</b><br>To consider matters arising that are not on the agenda   |
| 10.10 | <b>5. Chair's Report to Council, April 2013 [CCE2013_005] (15')</b>  |
| 10.25 | <b>6. Future directions for CCE – priorities for 2012-2013 (20')</b><br>Biennial goals to be discussed and finalized (Mei-Hung Chiu)<br>[CCE2013_006]<br>TM: Nina Aremo CCE website  |
| 10.45 | <b>Coffee break</b>  |
| 11.15 | <b>7. Report from Projects group (Mustafa Sözbilir) [CCE2013_007] (30')</b><br>7.1.Membership,<br>7.2.Review procedure<br>7.3. Project Budget<br>7.4.Completed projects<br>7.5.Current Projects<br>7.6.Projects under consideration<br>7.7.Future projects |

|                                    |   |
|------------------------------------|---|
| 11:45                              | <b>8. Interaction with Divisions and Standing Committees</b><br><b>8.1</b> Report from Divisional Liaison Officer (Mei Hung Chiu, Jan Apotheker)  |
| 12:30                              | <b>LUNCH + group photograph</b>   |
| 13:30                              | <b>8.2.</b> Contributions from Divisional Representatives and standing committee chairs   |
| 14:00<br>in<br>between<br>teabreak | <b>9. Review of activities and relationships</b><br><b>9.1.</b> OPCW activities Peter Mahaffy Updating, Piloting, and Disseminating Educational Material for Raising Awareness of the Multiple Uses of Chemicals and the Chemical Weapons Convention. By Alastair Hay and Peter Mahaffy<br><b>9.2.</b> Flying Chemists Program (FCP) (Mei-Hung Chiu, Ting Kueh Soon)<br><b>9.3.</b> YAC Program (Mei-Hung Chiu), YAC in 2013/2014 (Ting Kueh Soon, Supawan Tantayanon)<br><b>9.4.</b> Relationship with EuCHEMS, ECRICE (Ilka Parchmann)<br><b>9.5.</b> Best practices in the use of learning outcomes in chemistry education: Maja Elmgren<br><b>9.6.</b> Design for International Standards for Chemistry Education (ISCE) by, Mei Hung Chiu<br><b>9.7.</b> Joint Project with division IV: Choon Do<br><b>9.8.</b> Future activities |
| 16:30                              | <b>10. Reports from NRs and TMs</b><br>Questions only based on written reports. Reports received from China, Finland, Germany, Ireland, Italy, Japan, Malaysia, Netherlands, Taiwan, USA, UK  |
| 17:00                              | Table until next day  |
| 17:00                              | <b>Opening ceremony</b>   |
| 19:30                              | Dinner at: <a href="http://www.uluscafe.com">http://www.uluscafe.com</a> , <b>at your own expense.</b> This is about 15 minutes away from the venue by taxi. We will travel together from the reception at 19:30.   |

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*Monday August 12. 09.00 -12.30*

*Meeting location Harbiye Military Museum Inonu*

|       |  |
|-------|--|
| 09.00 | Reopening meeting  |
| 09.05 | <b>11. ICCE programme (Morton Hoffman) (CCE2013-011)</b><br><b>11.1.</b> Report from ICCE/ECRICE Rome 2012<br><b>11.2.</b> Overview from Toronto, 23rd ICCE in 2014 (Andrew Dicks and Judith Poe)<br><b>11.3.</b> Bid from Malaysia, 24th ICCE in 2016 (Ting Kueh Soon) (CCE2013_11.3)<br><b>11.4.</b> Bid from Australia, 24th ICCE in 2016 (Siegbert Schmidt) (CCE2013_11.4)<br><b>11.5.</b> Vote and decision on venue 2016<br><b>11.6.</b> Considerations for 2016 and beyond (Morton Hoffman)   |
| 10.30 | Coffee break between 11.5 and 11.6   |
| 10.45 | <b>12. Administrative matters (Mei-Hung Chiu)</b><br><b>12.1.</b> Finance Project budget Operating budget<br><b>12.2.</b> Results electronic voting, committee new TM's<br><b>12.2.1.</b> TM appointments<br><b>12.2.2.</b> Process for approval of conference coordinator, project group chair<br><b>12.2.3.</b> Report on NR and AM appointments<br><b>12.2.4.</b> Acknowledgment to members whose terms expire, Eva Åkesson, Choon Do<br><b>12.2.5.</b> Logo of CCE. We would like to have a logo for the CCE. We would like to have a context with a small prize (\$ 100) for the winning design. Mei-Hung Chiu, Jan Apotheker.<br><b>12.2.6.</b> CCE-certificate. We would like to issue CCE-certificates for attending CCE meetings. After 5 meetings, 10 meetings 15 meetings a special certificate will be granted. Mei-Hung Chiu, Jan Apotheker |
| 12.15 | <b>Next meetings:</b><br>2014: Toronto<br>2015: Seoul<br>2016: to be decided<br>2017:<br>2018:   |
| 12:20 | Any other business   |
| 12:30 | Closing of meeting   |
|       |  |



Expected attendants

| Name                   | country   | status           | Will attend | Right to vote | email   |
|------------------------|---|------------------|-------------|---------------|---|
| Chiu, Mei-Hung         | Taiwan  | Chair<br>TM      | yes         | X             | Mei-Hung Chiu<br><mhchiu@ntnu.edu.tw>                         |
| Apotheker, Jan         | Netherlands   | Secretary,<br>TM | yes         | X             | j.h.apotheker@rug.nl  |
| Akesson, Eva           | Sweden  | TM               | yes         |               | "Eva Akesson(Sweden)"<br><eva.akesson@rektor.lu.se>           |
| Areimo, Nina           | Finland   | TM               | yes         | X             | "Nina Areimo (Finland)"<br><nina.areimo@helsinki.fi>          |
| Do, Choon              | Korea   | TM               | yes         | X             | "Choon Do (Korea)"<br><choondo@sunchon.ac.kr>                 |
| Kamata, Masahiro       | Japan   | TM               | yes         | X             | Masahiro Kamata<br><masahirok@nifty.com>                      |
| Sözbilir, Mustafa      | Turkey  | TM               | yes         | X             | Mustafa Sözbilir<br><sozbilir@atauni.edu.tr>                  |
| Michael Dröscher       | Ex officio<br>Germany                                 | AM               |             |               | Michael Dröscher<br><m.droescher@t-online.de>                 |
| John Dufus             | Chemistry<br>and human<br>health<br>division          | AM               |             | X             |   |
| Assaf Friedler         | Physical and<br>Biophysical<br>Chemistry<br>division  | AM               |             | X             |   |
| Javier Garcia-Martinez | Inorganic<br>Chemistry<br>division                    | AM               |             | X             | Javier Garcia Martinez<br><j.garcia@ua.es>                    |
| Hemda Garelick         | Chemistry<br>and<br>environment<br>division           | AM               |             | X             | Hemda Garelick<br><H.Garelick@mdx.ac.uk>                      |
| Mary Garson            | Organic and<br>biomolecular<br>division               | AM               | yes         | X             | Mary Garson<br><m.garson@uq.edu.au>                           |
| Richard Hartshorn      | Chemical<br>Nomenclature<br>and structure<br>division | AM               | yes         | X             | Richard Hartshorn<br><richard.hartshorn@cante<br>rbury.ac.nz> |
| Werner Mormann         | Polymer<br>division                                   | AM               |             | X             |   |
| Abdulaziz Al-Najjar    | Kuwait  | NR               |             | X             | anajjar55@hotmail.com   |

|                       |             |    |     |   |   |
|-----------------------|-------------|----|-----|---|---|
| Boesch, Philippe      | Switzerland | NR |     | X | "Philippe Boesch (Switzerland)"<br><pboesch@iprolink.ch>              |
| Boniface, Suzanne     | New Zealand | NR | yes | X | "Suzanne Boniface(New Zealand) ""<br><suzanne.boniface@vuw.ac.nz>     |
| Brandt, Ludo          | Belgium     | NR | no  | X | "ludo brandt"<br><ludo.brandt@skynet.be>                              |
| Cardellini, Liberato  | Italy       | NR | yes | X | "Liberato Cardellini(Italy) ""<br><libero@univpm.it>                  |
| Childs, Peter         | Ireland     | NR | yes | X | "Peter Childs(Ireland)"<br><peter.childs@ul.ie>                       |
| Elmgren, Maja         | Sweden      | NR | yes | X | "Maja Elmgren(Sweden)"<br><maja.elmgren@fki.uu.se>                    |
| Fahmy, Ameen          | Egypt       | NR |     | X | "AMEEN FAHMY"<br><afmfahmy42@gmail.com>                               |
| Hoffman, Morton       | USA         | NR | yes | X | Morton Hoffman<br><hoffman@chem.bu.edu>                               |
| Mahmood, Farzana      | Pakistan    | NR |     | X | "Farzana Mahmood(Pakistan) ""<br><fmkcl702@hotmail.com>               |
| Maitra, Uday          | India       | NR |     | X | "Uday Maitra(India) ""<br><maitra@orgchem.iisc.ernet.in>              |
| Mamlok-Naaman, Rachel | Israel      | NR | yes | X | "Rachel Mamlok-Naaman(Israel) ""<br><rachel.mamlok@weizmann.ac.il>    |
| Overton, Tina         | UK          | NR | yes | X | "Tina Overton (United Kingdom) ""<br><t.l.overton@hull.ac.uk>         |
| Pokrovsky, Alexander  | Russia      | NR |     | X | "Alex Pokrovsky(Russia) ""<br><an.pokrovsky@wanadoo.fr>               |
| Rahman, M. Muhibur    | Bangladesh  | NR |     | X | "M. Muhibur Rahman (Bangladesh)""<br><em@univdhaka.edu>               |
| Reiners, Christiane   | Germany     | NR | yes | X | "Christiane Reiners (Germany) ""<br><christiane.reiners@uni-koeln.de> |
| Riedel, Miklós        | Hungary     | NR | no  | X | "Miklós Riedel (Hungary) ""<br><riedel@ludens.elte.hu>                |
| Shuai, Zhigang        | China       | NR | yes | X | "Zhigang Shuai"(China/Beijing)"<br><zgshuai@tsinghua.edu.cn>          |
| Solomon, Theodros     | Ethiopia    | NR | no  | X | "Theodros Solomon (Ethiopia)""<br><theodros.solomon3@gmail.com>       |
| Soon, Ting-Kueh       | Malaysia    | NR | yes | X | "Ting-Kueh Soon (Malaysia) ""<br><soontk@ikm.org.my>                  |
| Tantayanon, Supawan   | Thailand    | NR | yes | X | "Supawan Tantayanon (Thailand) ""<br><supawan.t@chula.ac.th>          |
| Toshev, Borislav      | Bulgaria    | NR |     | X | "Borislav Toshev(Bulgaria) ""<br><toshev@chem.uni-sofia.bg>           |
| Wright,               | Australia   | NR |     | X | "Anthony (Tony) Wright  |

|                   |  |  |  |  |   |
|-------------------|--|--|--|--|---|
| Anthony<br>(Tony) |  |  |  |  | (Australia) ""<br><tony.wright@uq.edu.au> |
|-------------------|--|--|--|--|---|

| <b>Guests others</b>   |                |                           |     |  |                             |
|------------------------|----------------|---------------------------|-----|--|-----------------------------|
| Ilka Parchmann         | div. education | Euchems                   | yes | Ilka Parchmann   | <parchmann@ipn.uni-kiel.de> |
| Pascal Mimero          | France         | EC2E2N                    | yes | mimero@cpe.fr  |                             |
| Peter Mahaffy          | Canada         | OPCW                      | yes | Peter Mahaffy  | <Peter.Mahaffy@kingsu.ca>   |
| Judith Poë             | Toronto        | 2014<br>ICCE<br>chair     | yes | Judith Poe   | <judith.poe@utoronto.ca>    |
| Andrew Dicks           | Toronto        | 2014<br>ICCE<br>committee | yes | Andrew Dicks   | <adicks@chem.utoronto.ca>   |
| Felix Ho               | Sweden         | Observer                  | yes | Uppsala University   |                             |
| Leontina Lazo          | Chili          | observer                  | yes | liazo@ucv.cl   |                             |
| Robin Macaluso         | USA            | Young<br>observer         | yes | <a href="mailto:Robin.Macaluso@unco.edu">Robin.Macaluso@unco.edu</a> |                             |
| Ron Castellano         | USA            | Young<br>observer         | yes | castellano@chem.ufl.edu  |                             |
| Straut,<br>Christine M | USA            | Young<br>observer         | yes | cmstrau@sandia.gov   |                             |
| Ilia Guzie             | USA            | Young<br>observer         | yes | iguzei@che.wisc.edu  |                             |