

**SCG**Schweizerische  
Chemische  
Gesellschaft**SSC**Société  
Suisse  
de Chimie**SCS**Swiss  
Chemical  
Society[www.scg.ch](http://www.scg.ch)

Society News and Announcements

## CALL FOR NOMINATIONS FOR THE SCS SCIENTIFIC AWARDS 2016

### Paracelsus Prize



CHF 20,000 and medal in gold  
The Paracelsus Prize is awarded to an internationally outstanding scientist for his or her lifetime achievements in chemical research. It is awarded every two years;

### Werner Prize



CHF 10,000 and medal in bronze  
The Werner Prize is awarded to a promising young Swiss scientist or scientist working in Switzerland for outstanding independent chemical research. At the time of the award the candidate may not be a tenured professor or someone in a higher position in industry, and should be younger than 40. The prize is awarded annually.

### Balmer Prize



CHF 2,000 for individuals and CHF 2,000 for the school's chemistry department or CHF 3,000 for a group and CHF 1,000 for the school's chemistry department and medal in bronze

The Balmer Prize is awarded to a teacher working in Switzerland at high school (gymnasium) level for innovation in chemistry teaching. The innovation must be easily applicable in current teaching and the costs for materials must be modest. The candidate may not make any claim to copyright in the innovation. The prize is awarded annually.

### Dr. Max Lüthi Award



CHF 1,000 and medal in bronze  
The Dr. Max Lüthi Award is presented for an outstanding diploma thesis in Chemistry conducted at a Swiss University of Applied Sciences. Nominations must be submitted by the head of the Chemistry Department of a Swiss University of Applied Sciences. The prize is awarded annually.

### Sandmeyer Award



CHF 10,000 for individuals or CHF 20,000 for groups  
The Sandmeyer Prize – sponsored by KPMG – is awarded to a person – excluding tenured professors – or to a group for outstanding work in industrial or applied chemistry. The work must be completed in Switzerland or with the involvement of a Swiss national. The prize is awarded annually.



### KGF/SCS Industrial Science Awards

The KGF/SCS Industrial Scientific Awards are given to scientists working in Switzerland that are still working in industrial R&D.

**Industrial Investigator Award** honors successful investigators with outstanding achievements.

Certificate and cash check of CHF 7'000

**Senior Industrial Investigator Award** honors very successful and established investigators with outstanding achievements over many years.

Certificate and cash check of CHF 10'000

**Distinguished Industrial Investigator Award** honors senior scientists at the top of their research career for their lifetime achievements.

Certificate and cash check of CHF 15'000

Rewarded only on decision by the board

Nominations must be submitted electronically to [info@scg.ch](mailto:info@scg.ch). For specific award information and required documents please visit our website <http://scg.ch/awards>

The deadline for all documents to reach the Swiss Chemical Society is September 30, 2015.

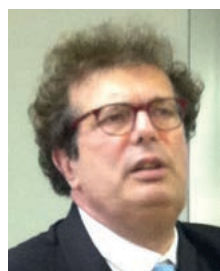
Swiss Chemical Society SCS  
Prof E. Peter Kündig, President  
David Spichiger, Executive Director  
[www.scg.ch/awards](http://www.scg.ch/awards)

SCS Awards are sponsored and supported by



## NEWS

## Heilbronner-Hückel Lecture Tour 2015 of Paul Knochel, LMU München



Prof. *Paul Knochel*, Ludwig-Maximilians-Universität (LMU) München, Germany gave a talk entitled “Chemoselective Reactions with Polyfunctional Organometallics” for the 2015 Heilbronner-Hückel lecture series.

In this talk he summarized the most recent output from his group giving insight into some surprisingly stable organometallic species, such as alkenylzinc species bearing keto or aldehydic groups, stable at ambient temperatures. Dispelling some myths about the difficulty of handling such reagents he demonstrated the breadth and ease of preparing zinc-based organometallics mediated with lithium chloride. For example, the highly efficient and chemo- and regioselective bases TMPZnOPiv (2,2,6,6-tetramethylpiperidylzinc pivalate) and TMPZnCl.LiCl (2,2,6,6-tetramethylpiperidylzinc chloride-lithium chloride aggregate) were showcased in classically tough circumstances, the former of which can furnish air stable compounds. Furthermore, the utility of continuous-flow synthesis was exemplified with the fundamentally important metalation of arenes and heteroarenes using TMPLi (2,2,6,6-tetramethylpiperidyllithium) and numerous metal salts, namely magnesium, zinc, copper, and lanthanum. This method is tolerant to a wide range of functionality, including carbonyl groups.

Professor Knochel's reliable chemistry has established itself as a touchstone for synthesis and has diverse applications in heteroaromatic chemistry.

Nicholas Tappin, DCB, University of Bern

## Heilbronner-Hückel Lecture Series

The Heilbronner-Hückel Lecture Series was implemented in 2009 with the first series in 2010 together with the Gesellschaft Deutscher Chemiker (GDCh). The annual series takes place alternatively in Switzerland and Germany.

The series is named after the chemists Edgar Heilbronner, born in Munich in 1921 and passed away in Herrliberg in 2006, and Erich Hückel, born in Berlin 1896 and died in Marburg in 1980.

Edgar Heilbronner emigrated together with his wife to Switzerland because of the Nazi regimes and studied chemistry in Zurich at the ETH where he also habilitated later on. In 1968 he changed to University of Basel.

Erich Hückel studied physics and mathematics at the University of Göttingen and habilitated at ETH Zurich as well.

## Previous Lectures

2010	Jürgen Troe, Max Planck Institut, Göttingen
2011	Andreas Pfaltz, University of Basel
2012	Joachim Sauer, Humboldt University Berlin
2014	Stefan Matile, University of Geneva

## Paul H. Emmett Award for Christophe Copéret



Prof. *Christophe Copéret*, ETH Zurich, Switzerland, has been awarded the Paul H. Emmett Award in Fundamental Catalysis by the North American Catalysis Society (NACS). The prize recognizes substantial individual contributions in the field of catalysis with emphasis on discovery and understanding of catalytic phenomena, proposal of catalytic reaction mechanisms, and identification of and description of

catalytic sites and species.

Copéret is honored for his contributions to the preparation of well-defined heterogeneous catalysts through a molecular approach based on the controlled functionalization of surfaces and for the atomic description of the surface species and active sites, in particular *via* solid-state NMR spectroscopy. The award was presented at the closing banquet ceremonies at the 24<sup>th</sup> North American Meeting (NAM) of the Catalysis Society on June 18, 2015, in Pittsburgh, PA, USA.

Read the full article on <http://www.chemistryviews.org/>

Author: ChemViews; Published Date: June 18, 2015

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The Swiss Chemical Society congratulates Christophe for this well deserved award and is proud to have him as one of its valuable Board members.

Website of the Copéret Group: <http://www.coperetgroup.ethz.ch>



## MipTec 2015: Peptide Therapeutics Forum

Tue–Wed, Sept 22–24, 2015

Congress Center Basel, Room 1

MipTec will host the ‘Peptide Therapeutics Forum 2015’ for 2 days. Similar to previous events, presentations include ‘early peptide discovery’ and ‘development candidates for therapeutic peptides’. The first part focuses on reports regarding new insights for peptide synthesis and property assessment by *in silico* methodologies. Topics include manipulation of the property space by MedChem on peptides in the context of permeability. The second part is dedicated to case studies on advanced peptide programs including contributions from the area of manufacturing. As in the past, this event is thought to disseminate information on latest developments in the broad field of therapeutic peptides and to enable networking of interested parties from academia and industries.

Organizers: Thomas Vorherr, Eric A. Kitas, Reto Stöcklin  
<http://www.basel-life-science-week.eu>

## Call for Nominations for the SCS Awards 2016



It's our pleasure to announce the call for the SCS awards 2016. It's one of our strategic measures to award scientific excellence and to honor outstanding scientific contributions in a wide range of chemistry fields.

Please submit your nominations for one of the eight SCS scientific awards 2016 by end September 30, 2015 at latest.

### Academic Awards

- Paracelsus Prize, CHF 20,000 and gold medal
- Werner Prize, CHF 10,000 and medal in bronze
- Balmer Prize, CHF 4,000 and medal in bronze
- Dr. Max Lüthi Award, CHF 1,000 and medal in bronze

### Industrial Awards

- Sandmeyer Award, CHF 20,000 for groups
- KGF/SCS Industrial Science Awards

For more details, please visit our website on [www.scg.ch/awards](http://www.scg.ch/awards).

## A WARM WELCOME TO OUR NEW MEMBERS!

Period: 23.05.2015 – 17.07.2015

Sofia Almeida, Le Crêt – Nadia Baati, Lausanne – Andreas Bachmann, Dällikon – Marilyn Boltz, Zürich – Alessandro Bosmani, Bardonnex – Estel Canet, Lausanne – Adrien Chauvet, Lausanne – Teresa Delgado, Geneva – Jasmina Djuric Prpic, Basel – Sascha Dorok, Rheinfelden – Markus Dörr, Riehen – Katrin Dulitz, Zürich – Godineau Edouard, Folgensbourg – Jasmine Egli, Zürich – Krystal El Hage, Basel – Veronica Gantert, Ithaca, NY (US) – Emmanuel Gerelli, Lausanne – Sarah Gex, Sierre – Alejandro Guarnieri Ibáñez, Geneva – Joël Gubler, Zürich – Dominik Haas, Itingen – Stefan Heinen, Zürich – Marco Holzer, Lausanne – Marc Karman, Fribourg – Nicole Kieliger, Altendorf – Sung Min Kim, Zürich – Aikaterini Koureta, Thalwil – Ievgeniia Kovalova, Bern – Mariusz Kownacki, Bern – Tomislav Kremer, Plan-les-Quates – Blijke Kroezen, Basel – Justyna Kupis-Rozmyslowicz, Lausanne – Benjamin Le Monnier, Lausanne – Frank Leresche, Zürich – Miriam Macia, Zürich – Laetitia Mage, Geneva – Sivarajakumar Maharajan, Fribourg – Rajesh Mannancherry, Basel – Khan Maola, Lausanne – Francois Miros, Plan-les-Ouates – Iliia Moroz, Zürich – Adrian Najer, Basel – Christoph Nançoz, Châtelaine – Mattia Poretti, Fribourg – Elia Previtera, Carouge – Prince Ravat, Basel – Jessica Rohrbach, Corcelles – Sandi Ruiz, Adliswil – Jakub Saadi, Zürich – Sader Safaa, Glassboro – Fabio Giacomo Santomauro, Binningen – Fabio Giacomo Santomauro, Binningen – Jonas Schaetti, Basel – Saeideh Soleimanpour, Genève – Barbara Stoessel, Regensdorf – Qinchao Sun, Geneva – Mathieu Szponarski, Saint Louis – Oliver Unke, Lörrach – Antoine van Muyden, Geneve – Robbie Warringham, Zürich – Xiaoyun Yu, Lausanne – Jingming Zhao, Bern.

# A star is reborn.



Wir haben uns die Rückmeldungen zur 11. Auflage zu Herzen genommen und „den Mortimer“ rund-erneuert.

Die 12. Auflage ist das beste Lehrbuch für Chemie im Nebenfach, das wir je gemacht haben.

Glauben Sie nicht? Fordern Sie Ihr kostenloses Prüfexemplar an und überzeugen Sie sich selbst.

[thieme.de/der-beste-mortimer-aller-zeiten](http://thieme.de/der-beste-mortimer-aller-zeiten)

**Chemie**  
Mortimer/Müller/Beck  
2015. 12., korrigierte u. akt. A.  
716 S., 410 Abb., geb.  
ISBN 978 3 13 484312 5  
**64,99 € [D]**  
66,90 € [A]

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SCS

Division of  
Analytical Sciences

## Weiterbildung Analytik

Trenntechnik  
Analytische Anwendungen  
Methoden der Life Sciences  
Qualitätssicherung  
InCompany Trainings

Titel	Ort	Termin	Code
Einführung in die HPLC	Dübendorf	24.–25.08.2015	TR-9
Interpretation von NMR-, IR-, und Massenspektren	Dübendorf	26.08.2015	SP-11
Pharmazeutischen Technologien	Wädenswil	01.–02.09.2015	LS-5
AAS und AES für Einsteiger/-innen	Dübendorf	02.09.2015	SP-1
AAS und AES – Theorie für die Praxis	Dübendorf	09.09.2015	SP-2
Messunsicherheit in der Analytik	Dübendorf	16.–17.09.2015	QS-5
Messung und Interpretation von IR-Spektren	Biel-Benken	17.–18.09.2015	SP-9
Effiziente Führung kleiner Gruppen	Dübendorf	22.–23.09.2015	QS-16
GPC/SEC/GFC	Dübendorf	23.09.2015	TR-17
Einführung in die Kraftfeldmikroskopie (AFM)	Liestal	23.09.2015	AA-5
Schwingquarz-Mikrowaage	Dübendorf	25.09.2015	AA-7
Field Flow Fractionation – FFF	Dübendorf	29.09.2015	TR-3
HPLC-MS in der Spurenanalytik	Dübendorf	29.–30.09.2015	TR-6
Light Scattering as Analysis Tool for Bio Pharmaceuticals, Nano Particles, and Macro Molecules	Dübendorf	30.09.2015	AA-6
Interpretation von 1D- und 2D-NMR Spektren	Basel/Novartis	19.–20.10.2015	SP-12d
HPLC-Troubleshooting – Ergänzungskurs	Dübendorf	26.–27.10.2015	TR-11
GC Methodenentwicklung	Schlieren	27.10.2015	TR-4c
Quality by Design in the Analytical Laboratory	Basel/Novartis	29.10.2015	QS-12
Säulen, Phasen und Trennoptimierung in der HPLC – Ergänzungskurs	Dübendorf	02.–03.11.2015	TR-10
Einführung in die Surface Plasmon Resonance	Dübendorf	10.11.2015	LS-1
Interpretationstraining für IR-Spektren	Biel-Benken	13.11.2015	SP-10a
Röntgenfluoreszenz	Dübendorf	16.11.2015	SP-3
Akkreditierung von Prüflaboratorien – ISO 17025	Dübendorf	18.11.2015	QS-6
(Real-time) PCR-Analytik	Dübendorf	20.11.2015	LS-2
GC-Troubleshooting	Dübendorf	24.–25.11.2015	TR-5

Es freut uns, Ihnen das Weiterbildungsprogramm 2015, das wir zusammen mit dem Centre de Compétence en Chimie et Toxicologie Analytiques (CCCTA) realisiert haben, vorzustellen.

**Einzelmitglieder der folgenden Fachverbände können unsere Kurse zum vorteilhaften Mitgliedertarif besuchen:**

Fachverband Laborberufe (FLB), Gesellschaft Deutscher Chemiker (GDCh), Schweizerische Arbeitsgemeinschaft für Spektrometrie und Elementaranalytik (SASP), Schweizerischer Chemikanten- und Chemisten-Verband (SCV), Schweizerische Gesellschaft für Lebensmittel- und Umweltchemie (SGLUC), Schweizerische Gruppe für Massenspektroskopie (SGMS) und Schweizerischer Verband Diplomierter Chemiker (SVC).

Falls Sie sich für unsere Veranstaltungen interessieren, erreichen Sie uns unter Telefon **058 765 52 00** oder Fax **058 765 58 01** oder mailen Sie an [verena.schmid@eawag.ch](mailto:verena.schmid@eawag.ch). Online-Anmeldung im Internet unter: [www.scg.ch/kurse](http://www.scg.ch/kurse)

### InCompany Training – Individuelle Beratung und Schulung

Im Rahmen des Weiterbildungsprogramms organisieren oder erarbeiten wir gemeinsam mit Ihnen InCompany-Schulungen und -Trainings nach Ihren Vorstellungen und Bedürfnissen. Profitieren Sie davon, dass wir für Sie

- Inhalte an firmenspezifische Anforderungen und Wünsche anpassen
- Frage- und Problemstellungen in Ihrem Einsatzgebiet gezielt behandeln
- praktische Übungen gegebenenfalls an Ihren Geräten durchführen
- Trainings bei Bedarf auch in französischer oder englischer Sprache durchführen

Ein weiterer Vorteil der InCompany-Trainings: für Ihre Mitarbeiterinnen und Mitarbeiter fallen keine Reise- und Übernachtungskosten an!

Experten stehen Ihnen für eine persönliche Bedarfsabklärung und Beratung gerne zur Verfügung.

Sie erreichen uns über  
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