TEACHERS VISITING AT WORLD WATER DAY
The International World Water Day is held annually on 22 March. This year the Department of Chemistry took part in a new collaboration with high school teachers. The idea is to inspire teachers to raise questions about water, chemistry and sustainability in their classroom and hopefully inspire students to write their "project paper" (projektarbete) about these questions. About 30 enthusiastic teachers participated in this first workshop. If you want to become a supervisor (bollplank) in this project, please contact Ragnhild Möller.

MORE INFORMATION (in Swedish)

Irene Rodriguez Meizoso demonstrates the effect of water droplets on a super hydrophobic surface.

THESIS DEFENCE

Kristian Kallberg, Pure and Applied Biochemistry
*Multimodal Interaction Chromatography for the Investigation and Separation of Proteins*
Time and venue: 29 April at 10.30, Lecture hall C, Kemicentrum

Kamil Gorecki, Biochemistry and Structural Biology
*Antiporter-like protein subunits of respiratory chain complex I*
Time and venue: 3 May at 13.15, Lecture hall B, Kemicentrum

Violeta Sánchez Nogué, Teknisk mikrobiologi
*Industrial challenges for Saccharomyces cerevisiae during ethanolic fermentation of lignocellulosic biomass*
Time and venue: 3 May at 10.30, Lecture hall C, Kemicentrum

PUBLICATIONS

The cover of the latest issue of Analytical and Bioanalytical Chemistry (Volume 405, Issue 11, April 2013) is from our researchers here at KILU! Lo Gorton, Roberto Ortiz and Christopher Schulz in cooperation with Dr. Roland Ludwig, Dr. Wolfgang Harreither and Christoph Sygmund from Vienna. The title of their article is “Cellobiose dehydrogenase modified electrodes: advances by materials science and biochemical engineering” and the theme of this issue is “amperometric sensing och bioelectrocatalysis”. Click the picture to read.

CALENDAR

12 APRIL
Open seminar: Wind to hydrogen to ammonia
Time: 14.30-15.30
Venue: Lecture hall C, Kemicentrum
Michael Reese och Joel Tallaksen from University of Minnesota, Morris (UMM).

13 APRIL
Öppet hus vid Lunds universitet
AF-borgen, kl. 10-15

16 APRIL
WINGS lunch seminar: Helena Alexanderson
Time: 12-13
Venue: Geocentrum, Baltica
PARTICIPATION: deadline 13 April

17 APRIL
Lunchföredrag: Ölens kemi
Tid: 12.15-13.00
Plats: Sal B, Kemicentrum

19 APRIL
CMPS minisymposium:
Mass Spectrometry - Endless Possibilities
Time: 14.00
Venue: Lecture hall B, Kemicentrum

22 APRIL
TEDxLundUniversity
First TED Talk event ever in Lund!
(Ideas worth spreading)
WEBSITE
FACEBOOK

25 APRIL
Kemiska föreningen
Föredrag "Vinets kemi" med Richard Albin
Tid: 18.00
Plats: Sal B, Kemicentrum

26 APRIL
Postgraduate studies day 2013
Mingel and meet with other researchers. Take the chance to tell others about your research and find out what other people are doing.
Starting time: 13.00
Venue: Lecture hall B and Café Ester
INVITATION

26 APRIL
Nobel seminar on plastic solar cells
Prof. Alan Heeger, Nobel Laureate in Chemistry 2000, will give a talk about “The Role of the Heisenberg Uncertainty Principle in Bulk Heterojunction (BHJ) Solar Cells”
Time: 10.00
Venue: Lecture hall A
**SEMINARS, LECTURES AND CONFERENCES**

**LUNCH LECTURE:**
**THE CHEMISTRY OF BEER (ÖLENS KEMI)**
Popular science lunch lecture by Nils-Bo Nilsson from the Department of Food Technology at Lund University. The lecture will be held in Swedish.
**Date and time:** 17 April at 12.15-13.00
**Place:** Lecture hall B, Kemicentrum

**CMPS MINISYMPOSIUM: MASS SPECTROMETRY - ENDLESS POSSIBILITIES**
Invited speakers are: Juri Rappsilber, Institute of Cell Biology, University of Edinburgh, UK; Sven Kjellström, CMPS, Lund University, Sweden and Åkos Végvári, BMC, Lund University, Sweden. **POSTER**
**Date and time:** 19 April at 14.00,
**Venue:** Lecture hall B, Kemicentrum

**NOBEL SEMINAR ON PLASTIC SOLAR CELLS**
Prof. Alan Heeger, Nobel Laureate in Chemistry 2000, will give a talk about “The Role of the Heisenberg Uncertainty Principle in Bulk Heterojunction (BHJ) Solar Cells”. He will describe the discovery of ultrafast photoinduced electron transfer as the scientific foundation for the creation of a technology for low cost “plastic” solar cells. The initial charge separation occurs at a time scale two orders of magnitude faster than the first step in photo-synthesis in green plants.
**Date and time:** 26 April at 10.00
**Venue:** Lecture hall A, Kemicentrum

**CMPS SEMINAR: STRUCTURE AND DYNAMICS IN GENE REGULATION AND DNA REPAIR**
Rolf Boelens from Bijvoet Center for Biomolecular Research, Utrecht University, will talk about the use of NMR to study structure and dynamics of protein-protein and protein-DNA complexes involved in DNA transcription and DNA repair.
**ABSTRACT**
**Date and time:** 29 April at 15.15
**Venue:** Lecture hall B, Kemicentrum

**LIL PROWEB 2013: MED LIFE SCIENCE SOM PLATTFORM - VART TAR KARRIÄRÄN VÄGEN?**
Mötet vänder sig främst till doktorander och postdocs under senare delen av sin anställningstid.
**Tid och plats:** 15 maj, Universitetshuset, sal 206
Anmälans: www.lu.se/lil, senast 2 maj

**KUNSKAPSVEEKAN IN LUND, 17–18 JUNE**
“Kunskapsveckan” is sponsored by Lund University in collaboration with the municipality of Lund to focus on continuing education. Two hundred teachers and principals employed within the municipality will participate in this yearly event, this year being the sixth in a row. Registration is open until the end of April.
**MORE INFORMATION** (in Swedish).

**LU BIOFUELS DAY 2013**
Research & Strategies Towards a Fossil-free Society
The workshop is intended for graduate students, post-docs and other scientists working on various basic or applied aspects of bioeconomy. Registration is open until 26 April. **Date and venue:** 21 May, Elite Hotel Iideon

**MORE INFORMATION**

**RESEARCH FUNDING**

**FORSKNINGSNYTT - RESEARCH FUNDING NEWS**
Did you know there is a newsletter that focuses on research funding? You can find the newsletter in the column to the right on **THIS WEB PAGE**.

**MESSAGES**

**CALL FOR PAPERS TO THE CREATING KNOWLEDGE VII CONFERENCE**
Educational enhancement through collaborative partnership between students, academics and librarians
The 7th Creating Knowledge conference will take place in Lund, 14-16 August, 2013. The conference will highlight information literacy and its role in the transformation of the learning process. It will demonstrate how cross-professional collaboration in higher education leads to a win-win situation for all collaborators. Participants are invited to contribute to the conference by submitting proposals to papers, posters, workshops, round tables and TeachMeets.
**MORE INFORMATION**

**BECOME AN INTERNATIONAL MENTOR**
Lund University welcomes almost 3 500 international students every year. The International Mentor Programme aims to facilitate the students’ adaptation to their new environment. As a mentor you help new international students to settle into Lund student life. Application deadline is **TODAY, April 11.**

**MORE INFORMATION**

**IN MEMORIAN**
Börje Wickberg, LTHs förste professor i organisk kemi, har avlidit.
Sydsvenskan 2013-03-27
Anna-Brita Hörnfeldt, lektor i organisk kemi, har avlidit.

**KILU IN MEDIA**

Vi vill inte åta gäslevar varje dag
Ulf Ellervik
Dagens Nyheter 2013-04-10

Det börjar verka kärlek banne mig
Ulf Ellervik
Aftonbladet, 2013-04-08

De vill skapa liv
Ulf Ellervik
Skövde Nyheter, 2013-03-30

Ge bort en kram på Kärlekens dag
Ulf Ellervik
Kungsbacka-Posten, 2013-04-02

Välbesökt show för påsklediga
Malin Anderberg, student i ekosystemteknik
Skånska Dagbladet, 2013-03-28

Uppväxten i Urshult väckte Evas naturintresse
Eva Nordberg Karlsson
Smålandsposten, 2013-03-27

KILU newsletter is the department’s internal newsletter. KILU newsletter is published every third Thursday. Deadline for material to KILU Newsletter is the day prior to the newsletter at 12.00. Email your information to newsletter@kilu.lu.se.
Editor: Ragnhild Möller, Layout: Cecilia von Arnold, Lund University’s graphic profile 2012.