AT KILU AND KC

LIMITED ACCESS TO ENTRANCE E
There will be no access to entrance E, due to construction work from Friday the 14th until Monday the 17th. You will therefore have to use alternative routes during these days. Those who normally enter/exit Kemicentrum from building III, will have to use entrance D (building IV) instead of entrance E. For access after work hours, use your keycard.

OPENING HOURS IN THE INFORMATION DESK DURING CHRISTMAS
22-26 + 29-1: Closed
27-28 + 2-4: Open between 10-12

POPULAR SCIENCE LUNCH LECTURES AT KEMICENTRUM 2013
Kemicentrum will continue giving lunch lectures during 2013. The lunch lectures will be given once a month, on Wednesdays at 12.15-13. This year we will focus on the target groups, students and the public. We will also invite high school students from schools in the area. Therefore we would like to keep the lectures on a popular science level.
If you are interested in giving a popular science lunch lecture at Kemicentrum during the year don’t hesitate to contact cecilia.von_arnold@kc.lu.se.

PHD COURSES

PHD COURSE IN SUPERCRITICAL FLUID TECHNOLOGY
An advanced course for PhD students and postdocs, 3 – 19 June 2013.
An advanced course, “Supercritical Fluid Technology”, 4.5 hp credits will be arranged by the Centre for Analysis and Synthesis at KILU in June 2013 (3/6-19/6 2013). The unique properties of supercritical fluids (SCF) make them a more environmentally friendly alternative to traditional solvents. SCF technology makes it possible to develop green processes that support pollution prevention at the source. MORE INFORMATION AND REGISTRATION

PHD COURSE IN ENTREPRENEURSHIP AT LUND UNIVERSITY
Target group: All PhD candidates at Lund University. The course will be held during spring 2013 and includes five full day seminars. Application: 14 January 2013 at the latest. MORE INFORMATION

NEWS

KILU COWORKER SELECTED AS WALLENBERG ACADEMY FELLOW
Kimberly Dick Thelander has been selected Wallenberg Academy Fellow, as one of the 30 most promising young scientists in Sweden by the Knut and Alice Wallenberg foundation. Wallenberg Academy Fellows is the largest private initiative to support young researchers in Sweden. It is a new career programme aimed at promising researchers in all disciplines. The Wallenberg Academy Fellows are awarded a five-year grant amounting to between SEK 5 - 7.5 million per researcher. Kimberly is sharing her position between Centre for Analysis and Synthesis at the department of chemistry and Solid state physics.

Many scientists forecast that future computers will include so-called nanowires, 10,000 times thinner than a piece of hair. Kimberly Dick Thelander will develop methods for synthesizing those wires with greater precision. With better understanding of how nanowires grow, she hopes to be able to produce nanowires where she mixes different elements that are impossible to blend in bulk materials. Kimberly will try to develop a more advanced form of electron microscopy in order to be able to follow the generation of nanowires in real time.
TWO RESEARCHERS AT LTH BECOME WALLENBERG ACADEMY FELLOWS
READ MORE ABOUT WALLENBERG ACADEMY FELLOWS HERE

CALENDAR

14 DECEMBER
Lecture by Nobel prize laureate in chemistry
Brian Kobilka
Time: December 14 at 15.15
Place: Kårhusets aula (LTH)

Thesis defense in Biophysical Chemistry
Protein-Lipid Association and Aggregation - From Neurodegenerative Disease to Nanosafety
Erik Hellstrand
Time: December 14 at 10.15
Place: The Blue Hall, Ecology house (Ekologihuset)

19 DECEMBER
Thesis defense in Biotechnology
Thermostable glycosidases and glycosynthases as biocatalysts in green chemistry applications
Tania Pozzo
Time: December 19 at 13.30
Place: Kemicentrum, lecture hall C

20 DECEMBER
Thesis defense in Pure and Applied Biochemistry
Bioactivity of Medicinal Bolivian Andean plants. Effects on cell proliferation and related processes.
Gloria del Carmen Rodrigo Lira
Time: December 20 at 10.15
Place: Kemicentrum, lecture hall C

24 DECEMBER
Merry Christmas & Happy New Year!
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, Sweden, 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

SEMINARS, LECTURES AND CONFERENCES

VÄLKOMMEN TILL FYRA-ÅR-FÖREDAGEN OM UTBILDNING!

På fredag den 14 december anordnar Lunds universitet en fyra-år-före-dag med öppna föreläsningar som en nedräkning inför universitetets 350-årsjubileum.

"350 år av utbildning – utmaningar igår, idag och imorgon" är titeln på eftermiddagsprogrammet kl 13.00–17.15, som är öppet för alla. LÄS MER

CMPS MINISYMPOSIUM: BIOELECTROCHEMICAL SYSTEMS (BES)

Uwe Schröder; TU Braunschweig, Germany
Jenny Emne’us; Technical University of Denmark
Sergey Shleev; Malmö University, Sweden

Time: February 1 at 13.00
Place: Hall B, Kemicentrum

THESIS DEFENSE

Thesis defense in Biophysical Chemistry
Protein-Lipid Association and Aggregation - From Neurodegenerative Disease to Nanosafety
Erik Hellstrand
Time: December 14 at 10.15
Place: The Blue Hall, Ecology house (Ekologihuset)

Thesis defense in Biotechnology
Thermostable glycosidases and glycosynthases as biocatalysts in green chemistry applications
Tania Pozzo
Time: December 19 at 13.30
Place: Kemicentrum, lecture hall C

Thesis in Pure and Applied Biochemistry
Bioactivity of Medicinal Bolivian Andean plants. Effects on cell proliferation and related processes.
Gloria del Carmen Rodrigo Lira
Time: December 20 at 10.15
Place: Kemicentrum, lecture hall C

MESSAGES

If you are interested in Microscopy then join ADMIRE (Advanced Microscopy Research Environment) - the new graduate student research school. ADMIRE is a cross-scientific graduate school with the main goal to enhance training possibilities and to stimulate multi- and interdisciplinary research. MORE INFORMATION

BOOK PUBLICATIONS BY THE PERSONNEL AT KILU

Emma Kreuger, at Biotechnology, and her partner, the designer Theodor Jikander, have started a book publishing co. named LUX. One of their main publishing aims is to popularize and disseminate science. The first popular science title was published this autumn, "Handla rätt – för en giftfri barndom" (Shop Right – For a Poison Free Childhood). It is written by three scientists and, as the title suggests, is about what to do and buy in order to avoid harmful chemicals in your young childs life. LUX is now looking for new book projects! Any ideas—big or small, embryos or fully fledged—are welcome. No restrictions in field or topic. MORE INFORMATION

REVIEW OF THE BOOK IN KEMISK TIDSKRIFT

“Draksommar”
Sara Snogerup Linse and Kyrre Thalberg has published their second book about the dragon Kjetil and his friends, “Draksommar”. MORE INFORMATION

KILU IN MEDIA

BIORAFFINADERI - ETT SÄTT ATT ERSÄTTA OLJAN
2012-12-06, LTH-nytt

JONAS GARDELL TORKADE SINA TÅRAR
2012-12-07, LTH-nytt

TRETTIO UNGA FORSKARE UTNÄMNS SOM FÖRSTA WALLENBERG ACADEMY FELLOWS
2012-11-30, www.wallenbergacademyfellows.se

TWO RESEARCHERS AT LTH BECOMES WALLENBERG ACADEMY FELLOWS
2012-11-30, LTH website

SVÄVADE GULDPARTIKEL BYGGER SUPEREFFektiv SOLCELL
2012-11-30, Ny teknik

RESEARCH DISCOVERY COULD REVOLUTIONISE SEMICONDUCTUR MANUFACTURE
2012-11-28, LTH website

LUNDAFORSKARE REVOLUTIONERAR
2012-11-28, Sydsvenskan

KILU newsletter is the department’s internal newsletter. KILU newsletter is published every other Thursday (even weeks). Editor: Cecilia von Arnold, Layout: Cecilia von Arnold, Lund University’s graphic profile 2012.

The KILU Newsletter will take a paus during the Christmas holidays. Next KILU Newsletter will be out January 10.