The KILU Newsletter.

LUND UNIVERSITY | DEPARTMENT OF CHEMISTRY | NEWSLETTER NO 37 | 2012-11-01

AT KILU

NMT-DAGARNA
Nu är det dags att träffa morgondagens studenter igen!
Anmäl dig som föreläsare till 2013 års Naturvetenskap-, Medicin- och Teknik-dagar den 11-15 mars HÄR senast den 16/11. I år är det Cecilia von Arnold som koordinerar föreläsningarna på Kemicentrum så var god även meddela din medverkan till Cecilia.von_Arnold@kc.lu.se. Gamla som nya NMT-föreläsare är välkomna att anmäla sig. MER INFO OM NMT-DAGARNA HITTAR DU HÄR.

AT THE FACULTIES

INTRODUCTION MEETING FOR NEW EMPLOYEES AT LTH
You will receive information from the Faculty’s Dean, Vice Dean and Head of Human Relations, as well as take part in exciting activities and experiments. We will also take a customary Swedish “fika” break, with tea and coffee. The session will be held entirely in English. Please register your attendance by emailing anna.knoblock@kansli.lth.se by November 9 at the latest.
20 November 2012 at 13.00 -16.00, Vattenhallen Science Center, LTH

NEWS

TV4NEWS VISITS “THE WORLDS FIRST ENVIRONMENT FRIENDLY CHEMISTRY LAB” AT THE DEPARTMENT OF CHEMISTRY
Last week Charlotta Turner and her research group got a visit from Tv4News as they showed their latest research results. Results that Charlotta herself describes are based on basic research, interdisciplinary collaboration and a little bit of luck. Charlotta Turner and her research group has developed an environmentally friendly water-repellent surface, called superhydrophobic surfaces, with a surface similar to that of a lotus leaf, which is both water-repellent and self-cleaning. The technique is based on the use of pressurized carbon dioxide. They dissolve a wax with pressurized carbon dioxide, also called supercritical carbon dioxide, and sprays out the crystals that are formed on a surface. The surface will then receive the same properties as a lotus leaf.
Although there are still challenges remain to be solved there is a great interest in the research and the future applications are many, says Charlotta Turner. In the future this technology can hopefully be used on everything from boats and cars to windows and glasses.
SEE THE VIDEO FROM THE VISIT FROM TV4NEWS HERE

NEW RESEARCH COLLABORATION ON DRUGS EFFECT ON THE ENVIRONMENT
What happens to pain killers and other common drugs when they leave the body, how are they spread in the environment and what effect can they have on people and on the environment? These are questions that the PhD student Estelle Larsson and her research group, led by professor Jan-Åke Jönsson, tries to answer.

Region Skåne has recently initiated a collaboration with Estelle Larsson and her research group at the department of chemistry to create greater knowledge on drugs effect on the environment.
READ MORE (in swedish)
PRESS RELEASE FROM REGION SKÅNE (in swedish)

CALENDAR

7 NOVEMBER
Symposium: microRNAs and other ncRNAs in health and disease
DATE: 7th of November, 2012 at 09:00 - 17:30
PLACE: Medicon Village, Lund
Seminar: The Future of Plant Biotechnology in Europe – Emerging Technologies and Policy Making

8 NOVEMBER
CMPS Breakfast Seminar: Erik Hallin
Time: Thursday 8th of November at 9:00
Place: CMPS lunch room, house II, level 0

9 NOVEMBER
Thesis defense in Biotechnology
Evaluation of process parameters and treatments of different raw materials for biogas production
Malik Badshah
Time: November 9 at 10.30
Place: Kemicentrum, lecture hall A

“FREDAGSFÅTÖLJEN” ABOUT HIGGS PARTICLE
Time: 9 November at 12.30-13.00
Place: Lundmarksalen

12 NOVEMBER
Seminarium med Sveriges unga akademi:
“Tvärvetenskap på riktigt” [paw rikh-titt]?
Datum: 12 november kl. 12.00 – 16.45
Plats: Pufendorfinstitutet, Biskopsgatan 3, Lund
LÄS MER

16 NOVEMBER
Thesis defense in Physical Chemistry
Phase Behavior and Solution Properties of Aqueous Polyion-Surfactant Ion Systems
John Janiak
Time: November 16 at 10.15
Place: Kemicentrum, lecture hall C

KILU-day: “The future research at KILU”
Time: 16 november at 13.00
Place: Kemicentrum, lecture hall A

30 NOVEMBER
CMPS minisymposium: The origin of life on the molecular level
Time: November 30 at 13:00
Place: Kemicentrum, lecture hall B

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www.facebook.com/kemi.iund
SYMPOSIUM: MICRONRNAS AND OTHER NCRNAs IN HEALTH AND DISEASE
The aim of the symposium is to give an overview of current understanding regarding the use of non-coding RNAs in biological systems, including manipulation of their function e.g. with novel types of drugs.
DATE: Wednesday 7th November, 2012 at 09:00 - 17:30
PLACE: Medicon Village, Lund
REGISTER HERE before the 17th of October

SEMINAR: THE FUTURE OF PLANT BIOTECHNOLOGY IN EUROPE – EMERGING TECHNOLOGIES AND POLICY MAKING
A SEMINAR DAY ORGANIZED BY PLANT LINK, MISTRABIO TECH AND PARTNERSHIP ALNARP
Date: 7th November 2012
This day provides a great opportunity to listen to and discuss the experience of commercial cultivation of GM-crops, ongoing research, new technology, risk assessments of new techniques and acceptance of biotechnology.
READ MORE AND SIGN UP HERE!

CMPS BREAKFAST SEMINAR: ERIK HALLIN
Time: Thursday 8th of November at 9:00
Place: CMPS lunch room, house II, level 0

“FREDDAGSFÅTÖLJEN” ABOUT HIGGS PARTICLE
Next Friday, 9 November, it’s time for another cross-research-meeting for everybody interested. Professor Bengt Söderström will talk about Higgs particle with Professor Leif Lönnblad. The informal talk and discussion (in Swedish) will take place at Lundmarksalen, at 12.30-13.15.

SEMINARIUM MED SVERIGES UNGA AKADEMI: “TVÄRVETENSKAP PÅ RIKTIGT” [PAW RIKH-TITT]
Plats: Pufendorfinstitutet, Biskopsgatan 3, Lund
Antalet deltagare är begränsat. Anmälan görs senast den 5 november 2012.
LÄS MER

CMPS MINISYMPOSIUM: THE ORIGIN OF LIFE ON THE MOLECULAR LEVEL
Speakers:
Armen Mulkidjanian (University of Osnabrück)
James Attwater (Cambridge University)
Cecilia Hägerhäll (Lund University)
Time: November 30 at 13:00
Place: Kemicentrum, lecture hall B

THESIS DEFENCE
Thesis defense in Biotechnology
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Thesis defense in Physical Chemistry
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STUDENT PROSPECTUS IN SCIENCE 2013/2014
The new student prospectus 2013/2014 about science in Lund has arrived. “Naturvetenskap i Lund – om program, kurser och arbetssmarknad” contains information about courses, programs and career. The catalog will mainly be used at educational fairs and events to attract new students to study science. The catalog contains inspiring interviews with students, alumni and teachers and one of them is Charlotte Turner.

STORYTELLING AND FILM PRODUCTION 4-5 DECEMBER
Don’t miss this opportunity! In only two days you will learn how to produce a video about your research or education and publish it on the web. The course is free of charge but you have to register before November 23.
MORE INFORMATION

INFORMATIONSDAGARNA
Three Tuesdays in November, 13, 20 and 27, Lund University opens up for people who are interested in studying at Lund University. Students, teachers and counselors will be available to inspire and answer questions. Faculty of Science will be at Astronomihuset and LTH will be at Kårhuset. There is a program and an app to download HERE

DEBATT: PSEUDOVETENSKAP SPRIDS OKRITISK’T
“Lunds universitet gör sensation av tvivelaktiga rön inom parapsykologisk forskning. Det riskerar att skada universitetets trovärdighet”, skrev nio Lundaprofessorer, varav flera från kemiska institutionen på Brännpunkt i Svenska dagbladet i går (31/11).
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KILU IN MEDIA
Pseudovetenskap sprids okritiskt
2012-10-31, Svenska dagbladet

MP: minska medicinöverkonsumtionen
2012-10-25, Kemivärlden biotech med kemisk tidskrift

Mer forskning kring läkemedel i naturen
2012-10-19, Sveriges radio

Brevet innehöll fosforklorid
2012-10-18, Aftonbladet

KILU newsletter is the department’s internal newsletter. KILU newsletter is published every other Thursday (even weeks). Deadline for material to KILU Newsletter is the day prior to the newsletter at 12.00. Email your information to newsletter@kilu.lu.se.
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