KILU Newsletter week 19, 2015-05-07

Talking heads

Dear All!

KILU is in the process of applying for a new permit to handle combustibles. The new permit is going to be subject to a rather more stringent control, and it is imperative that we all know the rules for handling combustibles and for conducting experiments that could potentially constitute fire hazards. We have updated our instructions for these procedures that everyone must familiarize themselves with. For each division within KILU there is a designated person “Föreståndare för brandfarlig vara” who is responsible for overseeing that our procedures are complied with. They are:

<table>
<thead>
<tr>
<th>Division/center</th>
<th>Main responsible</th>
<th>Deputy</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMPS</td>
<td>Hans-Erik Åkerlund</td>
<td>Urban Johanson</td>
</tr>
<tr>
<td>Biotechnology</td>
<td>Maria Andersson</td>
<td>Olle Holst</td>
</tr>
<tr>
<td>Physical Chemistry</td>
<td>Maria Södergren</td>
<td>Karin Schillén</td>
</tr>
<tr>
<td>Chemical Physics</td>
<td>Ebbe Nordlander</td>
<td>Villy Sundström</td>
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<tr>
<td>CAS</td>
<td>Ola Wendt</td>
<td>Jan-Olle Malm</td>
</tr>
<tr>
<td>Applied Microbiology</td>
<td>Christer Larsson</td>
<td>Ed Van Niel</td>
</tr>
<tr>
<td>Pure and applied biochemistry</td>
<td>Lei Ye</td>
<td>Per-Olof Larsson</td>
</tr>
<tr>
<td>Common Facilities</td>
<td>Karl-Erik Bergquist</td>
<td>Tommy Ljungdell</td>
</tr>
</tbody>
</table>

There will be a number of inspections of our facilities over the next few months, and we need to keep things spick and span.

/Sven and Viveka

News

Aleksandra Dabkowska receives prestigious prize for neutron scattering

Aleksandra Dabkowska at the Division of Physical Chemistry has received the 2015 B T M Willis Prize. The prestigious prize is given by the Royal Society of Chemistry, UK, for neutron scattering. The prize is awarded to an individual in recognition of a single outstanding piece of work, or a longer term coherent body of work, in the application of neutron scattering to a significant problem in physics, chemistry, materials science, earth science, the life sciences, or engineering, or alternatively in recognition of a major development in neutron scattering instrumentation or techniques.
Researchers in media

Ramin Sabet-Azad, PhD in Biotechnology, was interviewed on national radio, P3 nyheter, about his thesis on Microbial production of 3-hydroxypropionic acid and Poly(3-hydroxypropionate). In the thesis he presents a new sustainable process for producing platform chemicals. [Listen to the interview here.](#)
[Read his thesis here](#).

Villy Sundström was interviewed by Kemiska tidskrift about his latest research findings on solar fuel. "För första gången har forskare lyckats följa elektronernas flygfärd genom en ljusomvandlande molekyl, en modell för att delvis härma fotosyntesen". [Read the article here](#).
[Read about the research in Nature Communications](#).

Ulf Ellervik has been interviewed by various media due to a proposal to prohibit the smell of snuff in the County Council premises in Uppland. Read about it here: Göteborgs-Posten, Västerbottens-Kuriren and Söderhamns-Kuriren.

New faces at the Department of Chemistry

Federica Sebastiani
Postdoc at the Division of Physical Chemistry
Research area: Controlled release vehicles based on functionalized alkylglykosides. Encapsulation of enzymes for food applications.

Bin Li
Postdoc at the Division of Theoretical Chemistry
Research area: Coarse-grained simulation of soft matter system and liquids.

If you are a new employee at the Department of Chemistry please let us know! Send in your name, position, division and a short description of your research (maximum 140 letters) to information@kilu.lu.se.

Messages

Course in supercritical fluid technology
Welcome to an advanced course in supercritical fluid technology (4.5 hp) for PhD students and postdocs! The course is given by Charlotta Turner and Irene Rodriguez-Meizoso at the Department of Chemistry (Centre for Analysis and Synthesis), 8-29th of June. Sign up by sending an email to Charlotta.Turner@chem.lu.se before June 1.
[More information at http://www.kilu.lu.se/cas/education/sft](http://www.kilu.lu.se/cas/education/sft)
PhD courses in Life Sciences
PhD courses in Life Sciences for the fall 2015 are now announced. Find them at http://www.cmns.lu.se/life_sciences/
Applications should be made before May 31.

New Staff Pages in English
The Staff Pages provides support to Lund University staff in their day-to-day work.

The new "Staff Pages" is being launched gradually as the Swedish content is translated into English. The majority of pages are expected to be translated and launched by early September 2015. Until the new English version is finished, the old Staff Pages will be available as static html pages and will not be updated during this transition period. Old Staff Pages and IRSO information (please note that this website is no longer being updated)

New Staff Pages at lu.se

Fire safety course at Kemicentrum
Welcome to register to the next fire safety course at Kemicentrum the 27th of May, at 9-12.
The course will be held in English. Please register to the information desk at Kemicentrum.

Message from the Information desk
The Information desk at Kemicentrum closes at 14.00 on the 13th of May. The Information desk till be closed the 14th and 15th of May.

Financial report Q1 and P1 2015
The actual financial result for the first quarter of 2015 (Q1) for the Department of Chemistry as a whole, including the board of joint services at Kemicentrum (husstyrelsen), is -8,1 MSEK compared to a budget of -7,7 MSEK. The main item affecting the result in Q1 are vacation costs (-3,9 MSEK), which are normally accumulated in the first half of the year and even out when the employees use up their vacation days during the summer, this cost is therefore expected to be +/- 0 for the full year. Higher external income and lower costs for personnel offset most of the vacation costs.

<table>
<thead>
<tr>
<th>Område</th>
<th>Utfall Q1 2015</th>
<th>BU Q1 2014</th>
<th>Avvikelse</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>GU</td>
<td>FO</td>
<td>Tot</td>
</tr>
<tr>
<td>LTH</td>
<td>-740</td>
<td>-85</td>
<td>-825</td>
</tr>
<tr>
<td>Nat Fak</td>
<td>-182</td>
<td>-7 142</td>
<td>-7 323</td>
</tr>
<tr>
<td>Total</td>
<td>-922</td>
<td>-7 227</td>
<td>-8 148</td>
</tr>
</tbody>
</table>

Since Fall 2014, when the budget was submitted, the Department of Chemistry has been granted additional external financing, mainly from SSF. Although additional projects also mean more spending on personnel and consumables, the first forecast of the year (P1) shows a result which is 4,3 MSEK better compared to budget.

<table>
<thead>
<tr>
<th>Område</th>
<th>P1 2015</th>
<th>BU 2015</th>
<th>Avvikelse</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>GU</td>
<td>FO</td>
<td>Tot</td>
</tr>
<tr>
<td>LTH</td>
<td>-640</td>
<td>-625</td>
<td>-1 266</td>
</tr>
<tr>
<td>Nat Fak</td>
<td>-472</td>
<td>-14 217</td>
<td>-14 689</td>
</tr>
<tr>
<td>Total</td>
<td>-1 112</td>
<td>-14 842</td>
<td>-15 956</td>
</tr>
</tbody>
</table>

If you have any questions contact Karolina Isaksson, Head of Finance at the Department of Chemistry.
CALENDAR

2015-05-08
Lecture by the 1987 Nobel Prize Laureate in Chemistry
Jean-Marie Lehn, Professor Université de Strasbourg, France "Perspectives in Chemistry: From Supramolecular Chemistry towards Adaptive Chemistry". May 8, 15.00, Kemicentrum, lecture hall A

2015-05-11
Defence of thesis in Structural Biology
Janina Sprenger, Belfrage BMC D15 at 10.00

2015-05-12
CMPS Minisymposium
Protein-Ligand Interactions: Implications for Drug Discovery.
14.00, Kemicentrum lecture Hall F

2015-05-12
Protein Science Day at Lund University
12th of May, 09:00 till 16:30. Room, I1345, BMC, Sölvegatan 19, Lund

2015-05-13
Defence of thesis in Inorganic Chemistry
Carola Jutta Müller, Kemicentrum, lecture hall F, at 10.15

2015-05-18
OMM Seminar
Reactivity of iron (oxyhydr)oxide nanoparticles and the effects on geochemical processes. Monday 18 May at 14:15 in Kemicentrum, Lecture hall F.

2015-05-22
Defence of thesis in Biochemistry
Evelina Kulcinskaia, Kemicentrum, hall B at 10.15

2015-05-22
FredagsFåtöljen
Sven Lidin, head of the Department of Chemistry, will hold a lecture entitled “Chaos is Neighbour of God”. 22 May, 12:30, in the Lundmark room, Astronomihuset, Sölvegatan 27.

2015-05-28
Defence of thesis in Molecular Biophysics
Wael Awad Mohamed (Abdelhady), Kemicentrum, Lecture hall C at 09.30

2015-05-28
Seminar
Lactic Acid Bacteria against Staphylococcus aureus in the milk production chain: applications from farm to fork. May 28th, 15.00, Kemicentrum, lecture hall F

2015-05-29
Defence of thesis in Applied Microbiology
Nikoleta Zeaki, Kemicentrum, Lecture Hall C at 10.15

2015-05-29
LU Biofuels Day