

WWSC Graduate school visit to UPSC, August 31st - September 2nd

Biotechnology: Biosynthesis and Wood cell wall assembly

Common parts for UPSC and WWSC are highlighted; lectures/activities only for WWSC students are greyed out

Please **register** your participation by August 10th via <http://kbc-forms.upsc.se/forms/29-wwsc-visit.html>

Day 1 (August 31st)

| Time | Activity | Person | Place |
|-------|--|---|---------------------------------|
| 08:45 | Welcome & intro to UPSC | Ove Nilsson | KBF30 |
| 09:15 | Wood anatomy lecture | Ewa Mellerowicz | KBF30 |
| 10:15 | Coffee break | GN catering | KBC cafeteria |
| 10:30 | Two parallel activities for two groups, each 45min (each student does both activities): <ul style="list-style-type: none"> - visit of the anatomy lab and explanation of different section and sample preparation techniques - Experiments: microscopy of wood samples using pre-existing slides and cell cultures | Ewa Mellerowicz /Marta Derba-Maceluch /Sacha Escamez /Judith Felten | KBC4 lab + floor 6 lab |
| 12-13 | Lunch | GN catering | KBC cafeteria |
| 13:00 | Wood biotechnology lecture | Ove Nilsson | KBF30 |
| 14:00 | Tree genetics lecture | Rosario Garcia-Gill | KBF30 |
| 14:30 | Tree genomics lecture | Nathaniel Street | KBF30 |
| 15:00 | Coffee break | GN catering | KBC cafeteria |
| 15:30 | Parallel visit in 3 groups of 10 people of Cell wall lab, Raman/FTIR lab, NMR (20-30min per group) | Totte Niittylä, András Grozsás, Matthias Hedenström | Meeting point at KBC |
| 17:00 | Introduction to WWSC for UPSC members | Paul Gatenholm (Chalmers) | Lilla Hörsalen |
| 17:30 | Get together and poster session WWSC+UPSC students/postdocs + associated groups | Drinks and snacks provided by GN catering | Glasburen + chemistry lunchroom |
| 19:00 | Dinner at Chemistry lunchroom, KBC | GN catering | Chemistry lunchroom |

Day 2 (September 1st)

| Time | Activity | Person responsible | Place |
|-------|---|---|-----------------|
| 08:30 | Talks by UPSC PhD students and WWSC students (15min+5min discussion) Wood formation, cell wall biosynthesis and biomimicking of cell wall assembly process and materials | 5-6 WWSC students and Christoffer Johnsson, Prashant Pawar, Pieter Nibbering, Mateusz Majda | Björken, skogis |
| 10:00 | Coffee break | Hansson&Hammar | Skogis |

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| 10:20 | Talks by UPSC and WWSC PhD students (continued) | | Björken, skogis |
| 12:00 | Lunch | GN catering | KBC cafeteria |
| 13:15 | Introduction into afternoon work stations (Introduction to poplar transformation and somatic embryogenesis) (5-10min each) | Ioana/Verena | KBF 30 |
| 13:30-15:30 | Parallel visits in 3 groups of 10 people, each ca 30 min per group + 15min time to get to the next station <ul style="list-style-type: none"> - Visit of the transformation facility for Populus - Visit of the somatic embryogenesis lab (spruce/pine) at skogis - Greenhouse visit | Ioana Gaboreanu Verena Fleig Daria Chrobok | Meeting point at KBC |
| 15:30 | Coffee break and departure for social activities (see below) | GN catering | KBC Huset |
| 16:00 | Team games between UPSC and WWSC - "5-kamp" | Bernard Wessels, Pieter Nibbering, Zsofia Stangl, Hardy Hall, Anke Carius, Marta Derba-Maceluch, Prashant Pawar | Campus/Nydala lake |
| 19:00 | BBQ | See above | Campus/Nydala lake |

Day 3 (September 2nd)

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| 8:30 | Workshop WWSC PhD students and UPSC postdoc/PhD students in mixed groups Preliminary suggestion of topics "Design of new trees for growth of materials" and "New materials from transgenic trees" | Paul Gatenholm | Lilla Hörsalen (Rooms booked for workshop: Large library, Small library, KBF30, Lilla Hörsalen, Lab floor 4) |
| 09:30 | Coffee break (take coffee and return to workshop) | GN catering | KBC cafeteria |
| 10:15 | Presentation of workshop outcome (5min presentation + 5min discussion per group) | | UPSC fikarum |
| 11:30 | Lunch and departure of the WWSC students | GN catering | KBC cafeteria |