



PROCESS CHEMISTRY CENTRE



Analytical tools in combustion at ÅA

Maria, Mikko, Niko, Linda, Tor,
Luis, Pettu

Welcome

- An introduction into chemistry in combustion at ÅA
 - Analytical tools at ÅA
 - Fuel analyses: chemical fractionation
 - Analyses of fuels and ashes with SEM EDX
 - Laboratory fuel conversion test
 - Thermal analysis: TGA-DTA
 - Labtour
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Welcome!

	Experiments				Experiments		
Tuesday	Fuel characterisation SPF DTA TGA SEM	group 1 group 2 group 3 group 4 group 5	Glaset BL laboratory high T lab high T lab Glaset	Machiavelli	Fuel characterisation SPF DTA TGA SEM	group 5 group 1 group 2 group 3 group 4	Glaset BL laboratory high T lab high T lab Glaset
Wednesday	Fuel characterisation SPF DTA TGA SEM	group 4 group 5 group 1 group 2 group 3	Glaset BL laboratory high T lab high T lab Glaset	Salads at OOK	Fuel characterisation SPF DTA TGA SEM	group 3 group 4 group 5 group 1 group 2	Glaset BL laboratory high T lab high T lab Glaset
Thursday	Fuel characterisation SPF DTA TGA SEM	group 2 group 3 group 4 group 5 group 1	Glaset BL laboratory high T lab high T lab Glaset	Arken	Group work: all Glaset Special assignment		
	Wrap up				Excursion		
Friday	Critical evaluation presentations (examination) Summary	group 5 group 1 group 4 group 2 group 3 MH	Fuel characterisation SPF DTA vs ash melting TGA SEM agglomeration	Arken	Top Analytical: all/BJS		

Friday program

- Mikko will act as chairman
 - 15 minutes presentation per group
 - 5 minutes discussion

 - Lunch 11.15-12.00

 - Afternoon Parallel session
 - Atte Aho disputation on production of bio-oils from pyrolysis of wood (12.15-...)
 - Excursion to Top Analytica (Bengt-Johan Skrifvars) ca 13.30
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Welcome

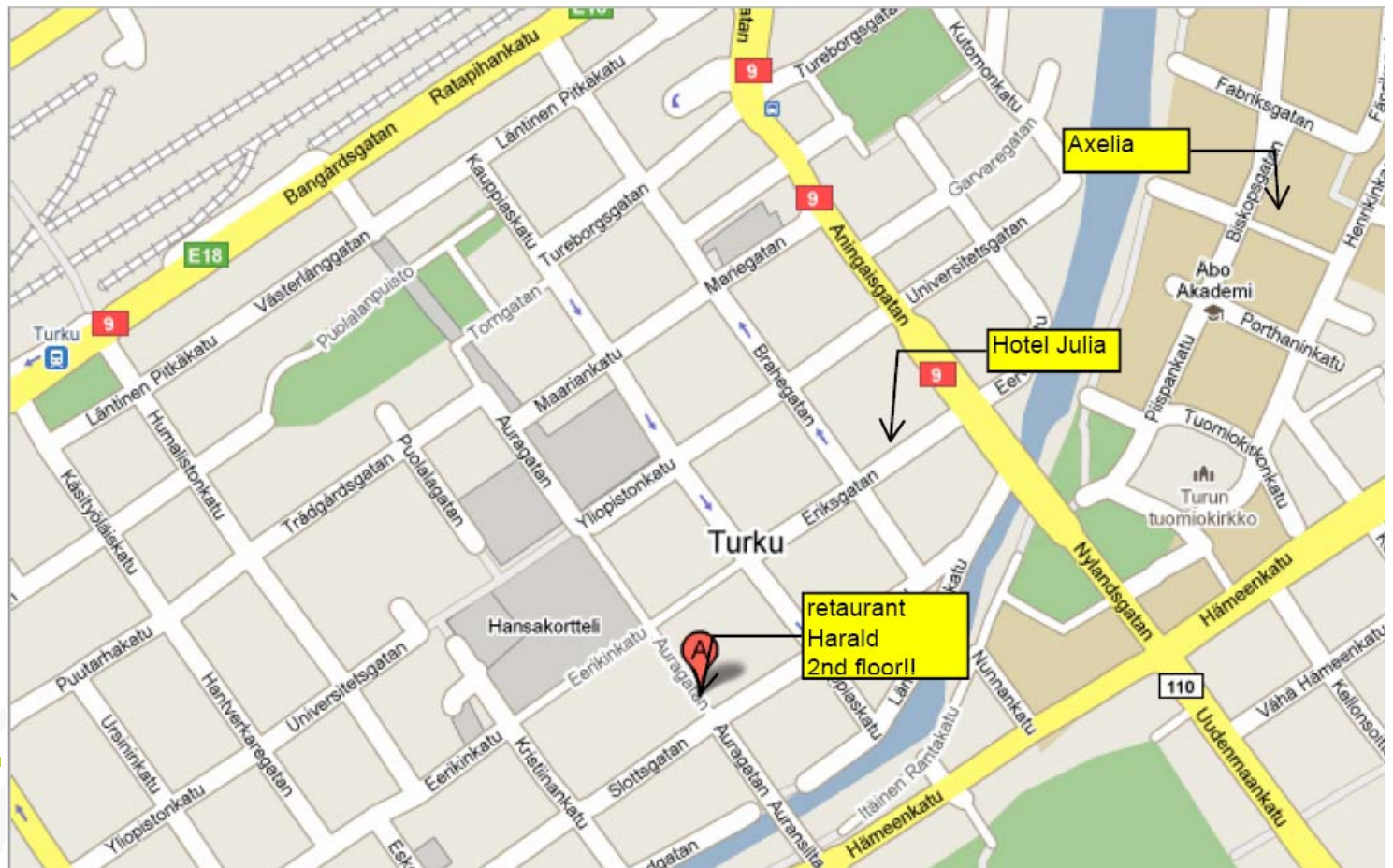
- Dinner: Thursday 18.30 at

Vikingrestaurant Harald

Aurakatu 3

20100 Turku

044 766 8204



Welcome

- Group 1

- Patrycja Piotrowska
- Daniel Fleig
- Muhammad Shafique Bashir

- Group 2

- Frida Claesson
- Pontus Markström
- Linda Norskov

- Group 3

- Johanna Olsson
- Oskar Karlström
- Samira Telschov

- Group 4

- Norazana Ibrahim
- Daniel Kuehnemuth
- Johan Lindholm

- Group 5

- Hao Wu
- Fredrik Lind
- Kavitha Patmanathan



Telephone number

- If you feel really, really lost.....

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