



# Time schedule: Advanced Processes in Food Technology

No	Date	Teacher	Topic of Lecture
1.	19th Sep	Prof.Bubník	Trends in Food Engineering
2.	22nd Sep	Prof.Bubník	Mass transfer, Nucleation, Crystallization in food technologies
3.	26th Sep	Prof.Bubník	Particles size distribution, Granulometric analysis
4.	29th Sep	Prof.Bubník	Photocatalytic and High pressure processes in food technologies
5.	3rd Oct	Doc.Šárka	Computer Image Analysis in Food technologies
6.	6th Oct	Doc.Šárka	Computer Image Analysis in Food technologies (+Lab.presentation)
7.	10th Oct	Dr.Henke	Supercritical fluid extraction
8.	13th Oct	Prof.Bubník	Thermal processes, Unsteady-state heat transfer, Heating, Cooling
9.	17th Oct	Dr.Henke	Chromatographic and ionex separation (+Lab.presentation)
10.	20th Oct	Prof.Bubník	Application of vapour diagrams, Physical properties of foods
11.	24th Oct	Dr.Hinková	Separation processes
12.	27th Oct	Dr.Hinková	Separation processes
13.	31st Oct	Dr.Hinková	Membrane processes
14.	3rd Nov	Dr.Hinková	Membrane processes
15.	7th Nov	Dr.Hinková	Adsorption
16.	10th Nov	Dr.Hinková	Pervaporation, Electrodialysis
17.	14th Nov	Dr.Pour/Dr.Henke	Membrane separation: micro-, ultra and nano-filtration : Lab.presentation
	17th Nov	-----	-----
18.	21st Nov	Dr.Pour/Dr.Henke	Membrane separation: micro-, ultra and nano-filtration : Lab.presentation
19.	24th Nov	Dr.Švec/Dr.Jurkaninová	Rheological properties of foods : Lab. presentation
20.	28th Nov	Dr.Švec/Dr.Jurkaninová	Rheological properties of foods : Lab. presentation
	5th Dec		TEST

# **LABORATORY – presentation**

**(see Time schedule)**

- 1) Dr.Pour          Membrane separation: micro-, ultra and nano-filtration**
- 2) Dr.Šárka          Computer Image Analysis**
- 3) Dr.Henke          Chromatographic separation: modeling – simulation – experiment**
- 4) Dr.Švec/Dr.Jurkaninová Rheology of dough**

# Contacts

**Mass transfer - crystallization in food technologies:** **Prof.Bubník** – room 42, building B, tel. 3112, e-mail: [Zdenek.Bubnik@vscht.cz](mailto:Zdenek.Bubnik@vscht.cz)

**Separation processes :** **Dr.Hinková** – room 45, buiding B, tel. 3111, e-mail: [andrea.hinkova@vscht.cz](mailto:andrea.hinkova@vscht.cz)

**Laboratory presentation :** **Dr.Pour, Dr.Henke** - room 45, buiding B, tel. 3111, e-mail: [vladimir.pour@vscht.cz](mailto:vladimir.pour@vscht.cz) , [svatopluk.henke@vscht.cz](mailto:svatopluk.henke@vscht.cz),  
**Dr.Šárka** – room 47, tel. 3117, [evzen.sarka@vscht.cz](mailto:evzen.sarka@vscht.cz),  
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