Summer School 2010,

Faculty of Information Technology, University of Pannonia, Egyetem utca 1, Veszprém, Hungary
Building "I", Ground Floor
21 June – 2 July, 2010

Programme Module 1: 21 June – 25 June 2010

Week 1

	9:00 – 10:30		11:00 – 12:30		14:00 – 15:30		16:00 – 17:30
21 June (Mon)	Registration	Coffee Break	Opening on behalf of the Faculty (F. Friedler, Dean of FIT)	Lunch	Process Network Synthesis, PNS (F. Friedler)	Coffee Break	Introduction to Process Optimisation & Synthesis and GAMS (Z. Kravanja)
22 June (Tue)	Process Optimisation 1 (S. Pistikopoulos &M. Georgiadis)		Process Optimisation 2 (M. Georgiadis & S. Pistikopoulos)		Process Optimisation Working session (M. Georgiadis & S. Pistikopoulos)		Introduction to P-Graph
23 June (Wed)	Ulitities Optimisation (Z. Kravanja)		Process Synthesis Working Session 1 (Z. Kravanja)		Waste to Energy (P. Stehlik)		P-graph Working Session
24 June (Thu)	Synthesis: Simultaneous Process and Heat Integration (Z. Kravanja)		Process Synthesis Working session 2 (Z. Kravanja)		Heat Exchanger Network Synthesis (Z. Kravanja)		Renewable resources and regions (M. Narodoslawsky)
25 June (Fri)	Process Synthesis for Regional Technology Network (M. Narodoslawsky)		Economic Criteria for Process Optimisation (Z. Kravanja)		Closing the first module – Q/A		

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Programme Module 2: 28 June – 02 July 2010

Week 2

	9:00 – 9:30	9:30 – 10:30		11:00 – 12:30		14:00 – 15:30		16:00 – 17:30
28 June (Mon)	Registration	Sustainability in its contexts (S. Sikdar)	Coffee Break	Sustainability Analysis (S. Sikdar)	Lunch	Introduction to Pinch Analysis 1 (J. Klemeš, S. Perry and P. Varbanov)	Coffee Break	Introduction to Pinch Analysis 2 (J. Klemeš, S. Perry and P. Varbanov)
29 June (Tue)	Tests for Sustainable Development & Sustainability Principles Applied to Energy (S. Sikdar)			Creativity Enhancement Methods in Process Engineering 1 (A. Kraslawski)		Creativity Enhancement Methods in Process Engineering 2 (A. Kraslawski)		Introduction to Pinch Analysis 3 (J. Klemeš, S. Perry and P. Varbanov)
30 June (Wed)	Introduction to Sustainable Process Index, SPI (M. Narodoslawsky, N. Sandor)			SPI Working session (M. Narodoslawsky, N. Sandor)		Simple but robust process simulation tool SuperProDesigner (V. Plesu)		Proceess evaluation of sustainability with WAR (V. Plesu)
01 July (Thu)	Case study for SPI (M. Narodoslawsky, N. Sandor)			Group work (M. Narodoslawsky, N. Sandor)		Group work Group work (M. Narodoslawsky, N. Sandor)		Total Site Analysis (J. Klemes, S. Perry and P. Varbanov)
02 July (Fri)	Sustainable Development in the Process Industries (J. Harmsen)			Sustainable Future: EU point of view (A. Meszaros)		Closing the second module – Q/A		