Eco-conception de systèmes durables	Product-service systems analyse & design methods		Ecole Nationale Supérieure des Mines SAINT-ETIENNE
Organizers	Daniel Brissaud - Grenoble INP ( Daniel.Brissaud@grenoble-inp.fr)		
(names & email)	Xavier Boucher - ENSMSE, Ecole des Mines Saint Etienne (boucher@emse.fr)		
Dates	From May 18 to 21		
Location	Grenoble INP & St Etienne – Ecole des Mines		
Keywords	Functional economy, Product-Service systems, Environmental assessment,		
	New business models		
Nb of hours/ECTS	32 hours - 4/5 ECTS - Every attendee must contact his doctoral school in		
	order to validate the IPS2 training.		

FDE n°2	Morning	Afternoon
17 May Grenoble		18h00 Welcoming Event
Day 1 18/05 Grenoble	9h00 -12h30 Lectures: main issues on PSS; analyses of PSS cases Speaker(s): Pr Daniel Brissaud – Alan Lelah	13h30-15h30 Conference: Industrial lectures on the development of integrated Product-Service offers  16h00-18h00 Case Studies – Group Project – Autonomous Work  Speaker(s): Industriels – Pr Daniel Brissaud – Alan Lelah  20h00 Welcoming Event
Day 2 19/05 Grenoble	9h00-10h30 Conference: Functional economy and industrial transition  10h45-12h30 Case study and practical team work. Part1: configuration of PSS scenarios and value creation roles  Speaker(s): Dr Sophie Peillon, EMSE/Fayol	13h30-15h00 Conference: Industrial transformations by servitization. Modelling methods and performance assessment  15h00 -16h30 Case study –Part2: Performance analysis and optimization on a PSS scenario 16h30 – 17h15 Discussion on the results of each team on PSS scenario configuration.  Speaker(s): Pr Xavier Boucher, EMSE/Fayol  17h30 -19h00 Group Project – Autonomous Work

Day 3 20/05 St Etienne	<ul> <li>8h00 - 10h00: Transportation to St Etienne</li> <li>10h00-13h00 Panel of International lectures on PSS research topics</li> <li>Speaker(s): <ul> <li>Pr. Yoshiki Shimomura, Tokyo Metropolitan University, Japan</li> <li>Ass. Pr. Mattias Lindhal, Linköping University, Sweden</li> <li>Pr. Peggy Zwolinsky, Grenoble Alpes University, Grenoble INP, France</li> </ul> </li> </ul>	14h30-16h30 Industrial innovation challenges for the transition towards Product Services Systems  Coordinator: Pr Daniel Brissaud  Contributor: VIAMECA  16h30-18h30 Group Project – Autonomous Work  19h30 Evening Event – Saint Etienne	
Day 4 21/05 St Etienne	9h00-12H00 Attendance to the session of the IPS2 Conference http://ipss2015.emse.fr/	13h30-17H00 Attendance to the session of the IPS2 Conference http://ipss2015.emse.fr/ 17h00-18h00 Project reporting and conclusive session Coordinator: Pr Daniel Brissaud	
22/05 St Etienne	Special fees offered to the participants to this Doctoral Course to attend the last day of IPSS 2015 Conference.  Information and registration: http://ipss2015.emse.fr/		