

Titlu (original)	Titlu (in ro)	Nume profesor coordonator	Adresa de contact prof. coordonator	Nr. maxim de studenti per tema (nume studenti, daca tema deja a fost aleasa)
Virtual Clean Room – Modeling and Simulation of the Photolithography Process	Camera Alba Virtuala - Modelarea si Simularea Procesului de Fotolitografie	Stanciu Irina	irina.stanciu@upb.ro	1
Virtual Clean Room – Modeling and Simulation of Silicon Wet Etching Processes	Camera Alba Virtuala - Modelarea si Simularea Procesului de Corodare Umeda a Siliciului	Stanciu Irina	irina.stanciu@upb.ro	1
Modelling and Simulation of a Microfluidic Pressure Sensor	Modelarea si Simularea unui Senzor de Presiune Microfluidic	Stanciu Irina	irina.stanciu@upb.ro	1
Optical Microscope Image Processing for Microfabrication Fault Detection	Procesarea Imaginilor Obtinute cu Microscopul Optic pentru Detectarea Defectelor Rezultate in Urma Unui Proces de Microfabricatie	Stanciu Irina	irina.stanciu@upb.ro	1
Estimation of Microfabrication Tolerances by SEM Image Analysis	Estimarea Dispersiei de Fabricatie prin Analiza Imaginilor SEM (Microscop Electronic de Baleiaj)	Stanciu Irina	irina.stanciu@upb.ro	1
3D Reconstruction using Turntable	Reconstructzia 3D a unui obiect	Bujor Pavaloiu	klingo_w@yahoo.com	1
3D Reconstruction using Turntable	Reconstructzia 3D a unui obiect	Bujor Pavaloiu	klingo_w@yahoo.com	1
3D Reconstruction using Web Cam	Reconstructzia 3D a unui obiect	Bujor Pavaloiu	klingo_w@yahoo.com	1
Human Head Reconstruction from	Face and Profile Photos	Bujor Pavaloiu	klingo_w@yahoo.com	1
Humanoid 3D Printed Robot	Bust robot printat 3D	Bujor Pavaloiu	klingo_w@yahoo.com	3
Mobile Robots - any kinds (flying, c	Robotzei	Bujor Pavaloiu	klingo_w@yahoo.com	max 2 per robot
Devices based on Arduino or Raspberry Pi	Dispozitive bazate pe Arduino sau Rasp. Pi	Bujor Pavaloiu	klingo_w@yahoo.com	1
Smart Personal Scheduling Application	Aplicatie inteligenta pentru calendar personal	Maria Dascalu	maria.dascalu@upb.ro	Ruxandra Bituleanu
Collaborative Project Planning Application	Aplicatie colaborativa pentru planificarea proiectelor	Maria Dascalu	maria.dascalu@upb.ro	Alexandru Ene