

ITN SiSensors draft for comments

Silicon Sensor Alliance
Meeting 25.11.2009

What is ITN?

- ITN: Marie Curie Initial Training Networks
- Aim is the career development of young researchers
- Project funding up to 4 years
- 100% funded researchers for up to 2 to 3 years
 - Early Stage Researcher (ESR) max. 36 months
 - Experienced Researchers (ER) max. 24 months
- Transnational mobility is required
- Network will consist of Full Partners and Associated partners
 - Industry, Research and Academia will be represented
- Call closing date 22.12.2009
 - Results after 4 months

Contents, Why?

- Homogenous detector manufacturing is challenging
- European detector manufacturing and research is dispersed
- The main targets:
 - Create a holistic process for manufacturing advanced radiation detectors
 - Promote state-of-art researcher training and career development
 - Enhance interaction between European players

Training programme

- Researchers spend most of their appointment working for their own hosting organisation
- For transnational mobility each researcher will spend 6-10 months elsewhere
- Each researcher will have a personal project plan to follow
- Strong preference on PhD training

- 11 ESR, 2 ER

Workpackages

- Wp 1 Background Research
 - Defining the key parameters affecting the holistic manufacturing process
 - Address the needs of the scientific community
- Wp 2 Parametrization
 - Finding the correlation between the process parameters and the manufacturing results
- WP 3 Simulating
 - Standardizing design tools and guidelines, material selection, manufacturing process
- WP 4 Testing
 - Testing strip detector manufacturing process with two suppliers
 - Testing pixel detector manufacturing process with two suppliers
- Wp 5 "conclusion"
 - Forming the conclusions and guidelines for the holistic process and its components
- WP 6 Coordination and Dissemination

Participants	Hosting			Hosting Second ed	Action	Responsibilities
	ESR	ER	VR Months			
Full Partners						
LUT	3	1			Training, Mentoring, Study plans	WP 1, 5, 6 leader
VTT	1		2		Processing, Mentoring	WP 4 leader
GSI/FAIR	2				Mentoring, Study plans	WP 1 Leader
Mid Sweden Uni.	2	1			Processing, Study plans	WP 2 Leader
Acreo	1		2		Processing, Mentoring	
ITEP	2				Mentoring, Study plans	WP 3 leader
Associated Partners						
Okmetic				2-6 months	Visitin researcher, Sample wafers, Mentoring	Secondment place, Provide training, Workshop representation
Canberra				2-6 months	Processing, Mentoring	Secondment place, Provide training, Workshop representation
Arquimea Ingeniera				2-6 months	Processing, Mentoring	Secondment place, Provide training, Workshop representation
FBK				2-6 months	Processing, Mentoring	Provide training., Workshop presentation

Financials

- Grants can cover up to 100% of the budget
- No allocation for investment budget
- Hosting organizations are granted
 - 1200€/ researcher month
 - Research, training, transfer of knowlwdge, workshops etc.
 - Contribution to overheads 10% of direct costs
 - Management activities 7% of total community contribution towards the management of the project
- ESR allowance
 - 18 350/36700 €/year
 - Additionallly max. 9700/year/researcher
- ER allowance
 - 28200/ 56400€/year
 - Additionally max. 9700 year/researcher



Let's write a winning proposal!