WP 14
Presentation of the
Network Technology Transfer Office
(Aida 2020 NTT0)

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Mandate & composition of NTTO

Mandate:

- Support the IP management (identification of background and foreground),
- Monitor innovations in the relative WP, that could eventually be transferred to industries
- Identify projects for Proof-of-Fund eligibility, according to a to be defined procedure
- Select and propose for award projects to be funded.

Please contact me, Jennifer Toes (in charge of communication, dissemination and outreach) & Aurélie Pezou (WP2 leader) If you have:

- Possibilities of technology transfer
- Contact with European industry to develop new technologies

Projects for Proof-of-Concept fund

- Total of CHF 200'000 to fund a maximum of 4 projects.
  - Detector technology
  - Innovation
  - Impact
- Call for proposals: from 20th June 2016 til 20th October 2016.
- 11 valid proposals received.

Lead Institute	Partners
Instituto de Microelectronica de Barcelona	
University of Bonn	Fraunhofer IZM
STFC-RAL	MIT, CERN
Vilnius University	INP (Minsk), CIVIDEC (Vienna)
University of Bergen	Ideas (Oslo)
CERN	Politecnico di Milano, Mi.am
CEA Saclay	Gamaya Ltd (CH)
IFAE	CSIC-ICMM, Weizmann Insitute, University of Santiago de Compostela, VIA Electronic GmbH
Instuto de Fisica de Cantabria	CERN
IFAE	KIT, Alba, Wegapixel
INFN, University of Roma Tor Vergata	CERN, Scimpulse Foundation

Projects for Proof-of-Concept fund

3 projects selected:

- Silicon-based Microdosimetry System for Advanced Radiation Therapies, proposed by Instituto de Microelectronica de Barcelona. The project aims to develop a tool optimised for a clinical setting using silicon microsensors and multi-channel read-out electronics for use in anti-cancer treatments.

- Advanced Through Silicon Vias for Pixel Detectors, led by the University of Bonn, and partnering with Fraunhofer IZM. The project plans to demonstrate the feasibility of very thin readout chips with via-last Through Silicon Vias (TSVs) in hybrid-pixel detectors.

- RaDoM, lead by CERN in conjunction with Politecnico di Milano, Mi.am. This project aims to develop new hardware and software for combatting the health risks of radon under the requirements of the Swiss “National Action Plan concerning Radio 2012-2020”.