

## LIST OF DISSEMINATION ACTIVITIES

NO.	Type of activities	Main leader	Title	Date/Period	Place	Type of audience	Size of audience	Countries addressed
1	Paper presentation for Conference	P3 HWU	EOS Annual meeting: "Nanostructured Micro-Optics"	26/10/2010 – 29/10/2010	Parc Floral de Paris (France)	Scientific Community	500	EU member states
2	Paper presentation for Conference	P3 HWU	Frontiers in Optics: "Nanostructured Micro-Optics"	24/10/2010 – 28/10/2010	Rochester, NY (USA)	Scientific Community	400	USA
3	Paper presentation for Conference	P3 HWU	QEP 19: "Receiver and detection design for full field coherent quantum imaging"	23/08/2010 – 26/08/2010	Southampton University (UK)	Scientific Community	200	UK
4	Workshop	P6 EMZA	MiSPiA Project: Representatives from Israeli Ministry of Defence	January 2011	Israel	Policy makers	15	Israel
5	Paper presentation for Conference	P3 HWU	SPIE Photonics West 2011: "Single-photon detection in time-of-flight-depth imaging and quantum key distribution"	22/01/2011 – 27/01/2011	San Francisco (USA)	Scientific Community	1000	All (Europa, America and Asia)

6	Paper presentation for Conference	P1 POLIMI P4 MPD	SPIE Photonics West 2011: "Towards arrays of smart-pixels for time-correlated single photon counting and time of flight application"	22/01/2011 – 27/01/2011	San Francisco (USA)	Scientific Community	1000	All (Europa, America and Asia)
7	Paper presentation for Conference	P1 POLIMI P4 MPD	IS&T/SPIE Electronic Imaging 2011: "3D ranging with a single-photon imaging array"	27/01/2011	San Francisco (USA)	Scientific Community	1000	All (Europa, America and Asia)
8	Paper presentation for Conference	P1 POLIMI P4 MPD	IS&T/SPIE Electronic Imaging 2011: "Monolithic single-photon detectors and time-to-digital converters for picoseconds time-of-flight ranging"	27/01/2011	San Francisco (USA)	Scientific Community	1000	All (Europa, America and Asia)
9	Paper presentation for Conference	P1 POLIMI P4 MPD	SPIE defence Security and sensing 2011: "Smart-pixel for 3D ranging imagers based on single-photon avalanche diode and time-to-digital converter"	27/04/2011	Orlando (USA)	Scientific Community	1000	All (Europa, America and Asia)
10	Paper presentation for Conference	P3 HWU	CLEO QELS 2011: "Full-field quantum correlations with multi-pixel detectors"	01/05/2011 – 06/05/2011	Baltimore (USA)	Scientific Community	500	USA
11	Paper presentation for Conference	P3 HWU	CLEO QELS 2011: "An Analysis of Single-photon detectors in an environmentally robust gigahertz clock rate quantum key distribution system"	01/05/2011 – 06/05/2011	Baltimore (USA)	Scientific Community	500	USA

12	Exhibition	P4 MPD	Laser World of Photonics 2011	23/05/2011-26/05/2011	Munich (Germany)	Scientific Community	300	EU member states
13	Paper presentation for Workshop	P3 HWU	Single Photon Workshop 2011: "Time of Flight depth profiling applications based on single photon detection"	01/06/2011	Braunschweig, (Germany)	Scientific Community	100	EU member states
14	Paper presentation for Workshop	P1 POLIMI	IEEE Intelligent Vehicles Symposium 2011: "Ranging vision and Lidar systems: Overview of ranging camera technologies (MISPIA)"	05/06/2011	Baden Baden (Germany)	Automotive Industry	300	EU member states
15	Paper presentation for Conference	P1 POLIMI P4 MPD	7th Conference on Ph.D. Research in Microelectronics and Electronics (PRIME): "15bit Time-to-Digital Converters with 0.9% DNLrms and 160ns FSR for single-photon imagers"	03/07/2011 – 07/07/2011	Madonna di Campiglio (Italy)	Scientific Community	500	EU member states
16	Paper presentation for Conference	P1 POLIMI P4 MPD	HySP-Hyper sensitive Photonics: "SPAD devices and advanced microelectronics for counting, timing, and imaging single-photons"	24/10/2011 – 26/10/2011	Israel	Scientific Community	65	Israel
17	Paper presentation for Exhibition	P1 POLIMI P4 MPD	SPIE Photonics West 2012: Exhibition - "MiSPiA project"	21/01/2012 – 26/01/2012	San Francisco (USA)	General Public	20,000	All (Europa, America and Asia)
18	Paper presentation for Conference	P1 POLIMI P4 MPD	SPIE Photonics West 2012, Opto Conference: "Indirect time-of-flight 3D ranging based on SPADs"	23/01/2012	San Francisco (USA)	Scientific Community	62	All (Europa, America and Asia)

19	Paper presentation for Conference	P1 POLIMI P3 HWU P4 MPD	Photonics Europe 2012: "Single-Photon counting and timing for 2D imaging and 3D ranging"	16/04/2012 – 19/04/2012	Innovation Village, Brussels, (Belgium)	Scientific Community	80	EU member states
20	Paper presentation for Conference	P1 POLIMI P4 MPD	SPIE Defense and security: "3D sensor for indirect ranging with pulsed laser source"	23/04/2012 – 27/04/2012	Baltimore (USA)	Scientific Community	500	All (Europa, America and Asia)
21	Paper presentation for Conference	P1 POLIMI P4 MPD	SPIE Defense and security: "SPAD imagers for remote sensing at the single-photon level"	23/04/2012 – 27/04/2012	Baltimore (USA)	Scientific Community	500	All (Europa, America and Asia)
22	Paper presentation for Conference	P1 POLIMI P4 MPD	SPIE Defence, Security and Sensing 2012: "Low-power, 20 meter 3D ranging SPAD camera based on continuous-wave indirect Time-of-Flight"	24/04/2012	Baltimora (USA)	Scientific Community	43	All (Europa, America and Asia)
23	Poster	P4 MPD	SPIE Defence, Security and Sensing 2012: "MiSPiA project"	24/04/2012 – 26/04/2012	Baltimora (USA)	General Public	6,700	All (Europa, America and Asia)
24	Paper presentation for Conference	P1 POLIMI P4 MPD	Fotonica 2012: "MiSPiA project, funded by the EC"	15/05/2012 – 17/05/2012	Firenze (Italy)	Scientific Community	95	Italy
25	Paper presentation for Conference	P3 HWU	SPIE Optics and Photonics: "Kilometer range single photon depth imaging at wavelengths of 850nm and 1560nm"	12/08/2012 – 16/08/2012	San Diego (USA)	Scientific Community	500	All (Europa, America and Asia)

26	Paper presentation for Conference	P1 POLIMI	Solid-State Device Research Conference (ESSDERC), 2012: "Low-noise and large-area CMOS SPADs with timing response free from slow tails"	17/09/2012	Bordeaux, (France)	Scientific Community	100	EU member states
27	Paper presentation for Conference	P1 POLIMI P4 MPD	Photonics Conference (IPC), 2012 IEEE: "CMOS SPAD pixels for indirect time-of-flight ranging"	23/09/2012 – 27/09/2012	San Francisco (USA)	Scientific Community	500	All (Europa, America and Asia)
28	Paper presentation for Conference	P1 POLIMI P4 MPD	Photonics Conference (IPC), 2012 IEEE: "A compact Time-to-Digital Converter (TDC) Module with 10 ps resolution and less than 1.5% LSB DNL"	23/09/2012 – 27/09/2012	San Francisco (USA)	Scientific Community	500	All (Europa, America and Asia)
29	Paper presentation for Conference	P1 POLIMI P4 MPD	Photonics Conference (IPC), 2012 IEEE: "SPAD detector for long-distance 3D ranging with sub-nanosecond TDC"	23/09/2012 – 27/09/2012	San Francisco (USA)	Scientific Community	500	All (Europa, America and Asia)
30	Paper presentation for Conference	P3 HWU	EOSAM 2012: "Microlens Arrays for Single photon Avalanche Diodes within the MiSPiA project"	25/09/2012 – 28/09/2012	Aberdeen (UK)	Scientific Community	200	All (Europa, America and Asia)
31	Paper presentation for Conference	P1 POLIMI	IEEE Nuclear Science Symposium , 2012: "Single-Chip Time-to-Digital Converter with 10 ps Resolution, 160 ns Dynamic Range, and 1% LSB DNL"	27/10/2012	Anaheim (USA)	Scientific Community	200	All (Europa, America and Asia)

32	Paper presentation for Conference	P1 POLIMI	Proc. SPIE 8631, Quantum Sensing and Nanophotonic Devices X: "Large-area CMOS SPADs with very low dark counting rate"	02/02/2013	San Francisco (USA)	Scientific Community	500	All (Europa, America and Asia)
33	Paper presentation for Conference	P1 POLIMI P3 HWU	Proc. SPIE: "Monolithic time-to-digital converter chips for time-correlated single-photon counting and fluorescence lifetime measurements"	02/02/2013 – 07/02/2013	San Francisco (USA)	Scientific Community	500	All (Europa, America and Asia)
34	Paper presentation for Conference	P1 POLIMI P4 MPD	Photon Counting Applications IV; and Quantum Optics and Quantum Information Transfer and Processing: "Figures of merit for CMOS SPADs and arrays"	15/04/2013	Czech Republic (Prague)	Scientific Community	100	EU member states
35	Paper presentation for Conference	P1 POLIMI P4 MPD	Advanced Photon Counting Techniques VII: "MiSPiA: microelectronic single-photon 3D imaging arrays for low-light high-speed safety and security applications"	29/04/2013 – 03/05/2013	Baltimore (USA)	Scientific Community	1000	All (Europa, America and Asia)
36	Workshop	P6 EMZA	MiSPiA Military Usages	07/05/2013	Israel	Representatives from Israeli ministry of defence	10	Israel
37	Discussion	P6 EMZA	MiSPiA Usage for Gas and Oil plants	10/09/2013	Israel	Industry	10	Israel

38	Paper presentation for Conference	P1 POLIMI P4 MPD	2013 IEEE Nordic Mediterranean Workshop on Time-to-Digital Converters (NoMe TDC): "CMOS single photon sensor with in-pixel TDC for time-of-flight applications"	03/10/2013	Perugia (Italy)	Scientific Community	100	EU member states
39	Discussion	P6 EMZA	MiSPiA Military Usages	10/12/2013	Israel	Industry	10	Israel