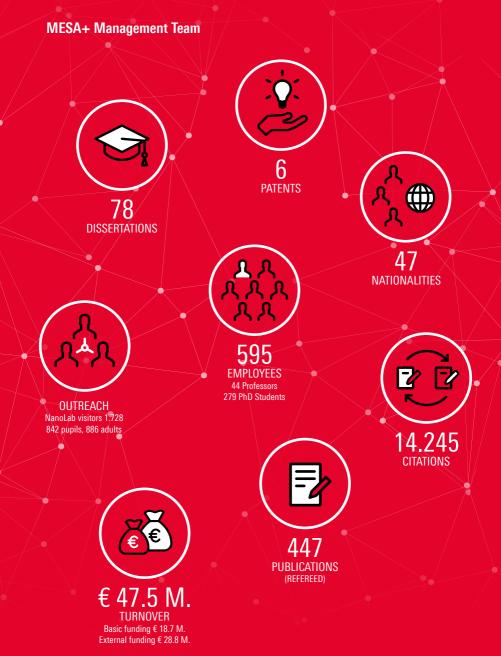


FACTS & FIGURES 2015

2015 has been another special year for MESA+ with scientific breakthroughs, new and strengthened collaborations with industry and scientific partners. We have celebrated the anniversary of our excellent infrastructure: 5 years NanoLab and 25 years Cleanroom facilities at the University of Twente. We are proud to have reinforced our position in cutting-edge research and to keep harvesting the societal and economic potential of key enabling technologies like nanotechnology. This sheet gives an overview of our most recent results.



UNIVERSITY OF TWENTE.

HIGHLIGHTS

A selection of our most recent achievements and activities.

RESEARCH

- Unusual discovery in thin film magnetism, published in Science magazine.
- Darwin on a Chip: development of (r)evolutionary electronic circuits published in Nature Nanotechnology.
- Development of flexo-electric nanomaterial, published in Nature Nanotechnology.
- Development of highly efficient hollow copper electrodes, published in Nature Communications.
- Desalination chip developed by MESA+ which should increase efficiency of medicine development.
- Clear Identification of movement of droplets on soft surfaces, published in Nature Communications.
- Discovery of light tying knots in liquid crystal droplets, published in Nature Communications.

TECHNOLOGY TRANSFER & COLLABORATION

- University of Twente spin-off Eurekite teams up with Cottonwood.
- Regional collaboration: University of Twente and Saxion University of Applied Sciences join forces.

OTHER

- University of Twente continuing tradition Zwarte Cross Festival.
- Outreach: anniversary 5 years of the NanoLab and 25 years Cleanroom at the University of Twente.

GRANTS & AWARDS

Dr. ir. Floris Zwanenburg - VIDI '15 Prof. Dr. Allard Mosk - VICI '15 Dr.ir. Wiebe de Vos - VIDI '16 Dr. Richard Stevens - VIDI '16 Prof. Rob Lammertink - VICI '16

Dr. Alvaro Marin - ERC Starting Grant '15 Dr. Sonia García Blanco - ERC Consolidator Grant '15 Prof. Dr. ir. Albert van den Berg - ERC Advanced Grant '15

For more details and information: utwente.nl/mesaplus

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