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PRESS RELEASE
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"Élan sportif" wins an official award

Bertine Khélifi and Raphaël Passas of LGP2 won 1st prize at the 2017 SEMPA contest for microscopic photography.

Created in 1992, SEMPA is the association of Philips & FEI scanning electron microscope users. Its goal is to facilitate scientific and technical exchanges between microscope users.

During its annual technical conference, which took place on 15-17 March 2017 at EDF's Renardières R&D Centre (in Seine-et-Marne), a slightly offbeat photography contest was held. Of the 12 images presented by the competitors, the photograph produced by Research Engineer Raphaël Passas and Study Engineer Bertine Khélifi of the Laboratory of Pulp and Paper Science and Graphic Arts (LGP2) made the biggest impression on the jury, which awarded the picture 1st prize. Dubbed "Élan sportif", the photograph offers a cross-sectional view of a piece of tissue paper.

Congratulations to the authors for receiving this distinction, which follows on from their previous awards for unusual photographs ("Pirates du désert", 1st place in 2008, and “L'Oiseau Alfa”, 4th place in 2009).

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Photo: P17_elan-sportif.tif

The Laboratory of Pulp and Paper Science and Graphic Arts (LGP2) is a joint research unit (UMR 5518) run by the CNRS, Grenoble INP and the Agefpi. It is home to three teams: Biorefinery: chemistry and eco-processes – Multiscale biobased materials – Surface functionalization through printing processes. The research conducted by LGP2 strives to meet society's expectations when it comes to sustainable development (green chemistry, clean processes, recycling, biobased materials, renewable energy) and traceability & safety (functional materials, smart paper and packaging). ***http://pagora.grenoble-inp.fr/research/***

Grenoble INP-Pagora, the international school of paper, print media and biomaterials is one of six engineering schools of Grenoble Institute of Technology (Grenoble INP). The school is Quality, Safety & Environment certified and committed to sustainable development. It trains socially-responsible engineers for the sectors of green chemistry, paper, printing, packaging, biomaterials and printed electronics. It also offers two vocational degrees (*Digital workflows, publishing & print production* and *European industrial printed communication engineering*). Its wide range of courses and pedagogical expertise – at engineering and vocational degree levels – allow it to constantly tailor its training to industry's needs. Strong partnerships with companies allow the 60 graduates it produces each year to embark upon stimulating careers in France and abroad. The school also provides international training in conjunction with several European universities, as well as offering a course in English: the Post Master *Biorefinery: bioenergy, bioproducts & biomaterials*. The innovative research performed by its LGP2 laboratory helps to improve processes and create products that meet all the latest requirements, notably those linked to the environment. The Cerig's role is to keep an active eye on technological developments in these industries. These various activities ensure that the training offered is up to date with the latest scientific and technological advances. ***http://pagora.grenoble-inp.fr*** – ***http://cerig.pagora.grenoble-inp.fr*** – ***http://www.facebook.com/GrenobleINP.Pagora***