

PRESS RELEASE

25 April 2018

The school's TAGA chapter wins the Technical Writing prize

The TAGA Annual Technical Conference took place on 18-21 March 2018 in Baltimore (United States). The Grenoble INP-Pagora student engineers comprising France's student chapter won the Student Publication Special Recognition Award – Best in Technical Writing, which rewards the quality, accuracy and pertinence of the research topics presented by the nominees in booklet form. We asked the lucky winners a few questions.

What topics does your pamphlet cover?

The pamphlet provides a summary of the research being performed by students at Grenoble INP-Pagora. The first topic revolves around the reduction of ink consumption during printing, while maintaining optimal reader comfort. The second relates to RFID tag printing. The final article focuses on the potential of combining printed electronics and 3D printing.

How did you select them?

All the articles were written by students of our engineering school, which is an advantage we wanted to exploit. Printed electronics is gaining interest among an increasing number of industrial firms. Various electronic printing systems have seen the light of day in recent years, in the fields of inkjet printing, flexography and screen printing.

What degree of investment was required on the part of the team?

Six months of preparation was needed to draw up a schedule, search for and select articles, translate them, lay out and design the pamphlet, find sponsors and organise the trip.

What difficulties did you have to overcome?

Selecting the articles was particularly time consuming. We had to read a huge number of scientific reports and projects to find the most suitable topics. Because the association is comprised almost exclusively of trainee engineers, it was difficult to communicate and drive the project forward when its members were posted in their companies.

Grenoble INP-Pagora, the international school of paper, print media and biomaterials. The school is Quality, Safety & Environment certified and part of Grenoble INP, an engineering institute geared towards training *"engineers who are creative, responsible and committed to a sustainable world"*. It trains engineers for the sectors of green chemistry, paper, printing, packaging, biomaterials and printed electronics. It also offers a vocational degree: *Interactive Print and Digital Media*. Its wide range of courses, pedagogical expertise and strong partnerships with industry allow it to continuously tailor its training to the needs of businesses and to the 60 graduates it produces each year, thus enabling them to embark upon stimulating careers in France and abroad. Grenoble INP-Pagora also develops international training in conjunction with several European universities, as well as offering a 2nd year engineering course and a Post-Master dispensed in English: *"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.
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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 conducts its scientific activities in conjunction with the academic community of Grenoble Alpes University. LGP2 comprises three teams: *Biorefinery: chemistry and eco-processes* – *Multiscale biobased materials* – *Surface functionalization through printing processes*. Their research 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).

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What will you take away from this experience?

This adventure was extremely enriching for all of us, both personally and professionally. Working in a purely English-speaking environment for several days was not easy, but we managed to adapt and make the most of every minute. It was well worth investing our energy in the chapter for all those months, because we ended up winning the Technical Writing prize. Everyone in the association is very happy with the result.

What are your thoughts on the annual TAGA conference and the award ceremony?

The presentations given were totally in line with the topics we study at Grenoble INP-Pagora. It was a great learning experience, because a wide range of subjects were covered, including colour management, electronic printing and new printing systems. The award ceremony was amazing, because manufacturers and researchers from across the globe were in attendance. This year, the team from Ryerson University (Toronto, Canada) won the Helmut Kipphan Cup. Grenoble INP-Pagora's student chapter won the prize for best scientific content. The jury found its article on printed electronics particularly impressive.

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Photos: P18_prix-TAGA2018_1.jpg - P18_prix-TAGA2018_2.jpg

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