

Paris, November 22, 2018  
Press release

Research

## > Three winners of the IMT – Académie des Sciences Awards 2018

Each year the IMT – Académie des Sciences Awards, created in 2017, honor exceptional scientific contributions at the European level in the areas of digital technology, energy and the environment. The 2018 edition of the awards ceremony took place on Tuesday, November 20, under the Cupola of the Institut de France. During the ceremonial session, three winners were honored (two joint Grand Prix winners and one Young Scientist Prize): Ange Nzihou, Pierre Comon and Ioan-Mihai Miron.

### Two awards

The IMT – Académie des Sciences Awards offer two awards:

- a Grand Prix awarded to a scientist who has made an exceptional contribution to the fields mentioned above through an outstanding body of work;
- a Young Scientist Prize awarded to a scientist who is under 40 years old on January 1 of the year the prize is awarded, and who has contributed to these same fields with a major innovation.

These prizes are awarded jointly by IMT, with support from Fondation Mines-Télécom, and the Académie des Sciences. They include the following prize amounts: Grand Prix: €30,000; Young Scientist prize: €15,000



Awards ceremony 2018  
at Académie des Sciences



### **Ange Nzihou: waste worth its weight in gold**

For Ange Nzihou, waste is a valuable material. Winner of the 2018 IMT – Académie des Sciences Grand Prix, this researcher has been working for over fifteen years on recovering waste to turn it into an important economic resource. By creating the global conference WasteEng, an international peer-reviewed journal, and an encyclopedia dedicated to waste reuse, he has helped bring together an international scientific community with a shared interest in this theme of the future.

[Read more](#)



### **Pierre Comon: from the brain to outer space, in search of a single solution**

The research of Pierre Comon handles a topic as trivial as it is complex: how to find a single solution to a problem? From the environment and telecommunications all the way through to health, this researcher in information sciences at GIPSA-Lab (joint research center of CNRS, Université Grenoble Alpes, Grenoble INP) tackles many issues. Winner of the 2018 IMT – Académie des Sciences Grand Prix, he juggles mathematical abstraction and the concrete reality of the scientific field.

[Read more](#)



### **Ioan-Mihai Miron: when magnetism conceals the memory**

Ioan-Mihai Miron's research in spintronics focuses on new magnetic data storage systems. Carried out in the Spintec lab, in Grenoble, it is still in the early stages. Nonetheless, it already shows huge potential in confronting the limits currently encountered by our computers' memory technology. Ioan-Mihai Miron received the IMT – Académie des Sciences Young Scientist Prize for the innovative and promising nature of his work.

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#### **About IMT [www.imt.fr](http://www.imt.fr)**

IMT (Institut Mines-Télécom) is a public institution dedicated to higher education, research and innovation in engineering and digital technology. Always attentive to the economic world, IMT combines academic and scientific legitimacy, a close relationship with businesses and a unique positioning in the major digital, industrial, energy and ecological transformations of the 21st century. Its activities are conducted in the Mines and Télécom grandes écoles under the authority of the Ministry of Industry and Electronic communications, in addition to one subsidiary school and partner institutions, which are either associates or under contractual agreements. IMT is a founding member of Alliance Industrie du Futur. It is accredited by 2 Carnot Institutes for the quality of its research partnerships. Each year around 100 start-ups leave its incubators.

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