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Exceptional conference with Hiroshi Amano, Nobel Prize in Physics, Inventor of blue LEDs

from April 10, 2017 to April 11, 2017

10 April, 2.30pm, Amphi Weil

11 April, 6.30pm, Atelier Canopé

Physics, Scientific culture and humanities

Blue LEDs and Future Electronics for a Sustainable Society

[Free entry, registration required](#)

[Conferences in English](#)

[BROADCAST LIVE on this web page from 2.30pm](#)



Although largely unknown, gallium nitride (GaN) and similar materials have an important impact on our daily lives. This compound with semiconductor properties is used in optoelectronics, the area of expertise of Prof. Amano, and is at the origin of the development of blue LEDs.

Blue LEDs? These are the ones that allow our smartphone screens or video games to be multicolored today. They also, when combined with yellow phosphors, produce white light at lower cost for public or domestic lighting thanks to their physical properties. Which, for example, will **reduce electricity consumption** by 7% by 2020 in Japan! Another example of major application is the **sterilization of water**, which opens up many environmental perspectives.

At this conference, Professor Amano will describe this research and how it contributes to the development of a more sustainable society.

About H. Amano

H. Amano is Director of the [Center of Integrated Research of Future Electronics](#), at the University of Nagoya, Japan. He began his research in the semiconductor field in 1983 while still a student. He is a specialist in the specific materials used in blue light-emitting diodes, whose invention earned him the [Nobel Prize 2014 in physics with I. Akasaki et S. Nakamura](#).



FREE ENTRY

REGISTRATION REQUIRED:

- [Conference Amphi Weil \(10apr. 2.30pm\)](#)
- [Conference Atelier Canopé \(11apr. 6.30pm\)](#)

Conferences in English, reception 30min before

The poster is for 'Conférences d'Exception 2017' with the theme 'FAIRE CONNAISSANCE'. The main title is 'Les LEDs bleues et l'électronique du futur pour une société durable'. It features a 'RENCONTRES AVEC Hiroshi Amano, prix Nobel de physique 2014' section with a small photo of him. The schedule lists two events: '10 AVRIL 14H' at Amphi Weil (Place Centrale, Domaine Universitaire Saint Martin d'Hères) and '11 AVRIL 18H30' at Atelier Canopé (Rue Général Champon, Grenoble). The bottom of the poster includes the 'Univ. Grenoble Alpes' logo and contact information for the communication service.

Practical informations / Places

Lieu

Amphi Weil, avenue Centrale, Domaine Universitaire
Atelier Canopé, av. Général Champon, Grenoble

Updated on April 7, 2017