

# Ampère 200 ans

## 2020, 2021 and 2022/2023\*



Illustration Pascal Garnier

### Events

- **General public session relocated** on February 14<sup>th</sup>, in Lyon, from the **Academy of Sciences** to the Academy of Sciences, Belles Lettres & Arts and to the ENS
- **Ampère Day 2020**, November 23<sup>rd</sup>, 100% digital, (see conferences)
- **Celebration** organized by the **FIEEC of the Electricity Fairy** (fresco) with a symposium at the Museum of Modern Art on September 30<sup>th</sup>
- **Inauguration** on October 6<sup>th</sup>, of the **Historical Site of European Physics' memorial plate** at the Maison d'Ampère – Electricity Museum with the European Physical Society (EPS) and the SFP. **Ceremony with Professor Serge Haroche, Nobel Prize of Physics, 2012**, and conference at the University of Lyon (illustration 1)
- **SEE day on sustainable/electric mobility** with Centrale Supélec on October 19<sup>th</sup>
- **Seminar in Grenoble**, February 3<sup>rd</sup>: "Towards a low-carbon society, electricity at the heart of the challenges of energy and digitalization": **conferences and presentations** (illustration 2)
- **"Ampère's 200th birthday event"**, on February 24<sup>th</sup> at the **Ministry of Higher Education, Research and Innovation**, to thank all those who contributed to the commemoration of Ampère's 200th birthday (illustration 3)
- **Ampère Festival at the Maison d'Ampère**: animations, theater and films projection at the village hall of Poleymieux by theater troops, June 4<sup>th</sup> and 5<sup>th</sup>
- **"Ampère 200 ans" day** in Lyon on October 5<sup>th</sup>, with **the participation of Gérard Mourou, sponsor of the "Ampère 200 ans" and Nobel Prize in Physics 2018**, organized with the Academy of Sciences, Belles Lettres & Arts of Lyon and the Rhône section of the SFP (illustration 4)
- **Memorial's plate ceremony of the Milestone IEEE "Ampère"** at the Collège de France and **promotion from Ampère's experience table**



■ Illustration 1



■ Illustration 2



■ Illustration 3



■ Illustration 4

**\*Warning:** The various events, demonstrations or publications are identified by year, each one indicated by a color code, respectively corresponding to **2020**, **2021** and **2022/Early 2023**.

## Conferences

- **Conference at the ESME Sudria School** with the 2<sup>nd</sup> district's town hall of Lyon - **Ampère's Place renovated** (illustration 5) : launching of the Ampère 2020's year on January 22<sup>nd</sup>
- **Conference by Pr Lucio Rossi from the CERN** CERN under the patronage of Ampère in Paris for the **IESF's General Assembly** on September 17<sup>th</sup>
- **Ampère Day 2020:** November 23<sup>rd</sup>, 100% digital, Ampère as the presentations' themes, its work, the Ampère unit and how the industrialists are using applications of Ampère's discoveries – **with the sponsorship and participation of the Nobel Prize in Physics 2018 winner Gérard Mourou** (illustration 6)
- **Conference at the Ampère Museum by Professor Aldo Deandrea** - Claude Bernard University: "From Ampère's electric current to the great instruments of physics", October 9<sup>th</sup>
- **Conference by Bertrand Wolff and exhibition** in partnership with the Université du Temps Libre de l'Essonne and with the association of professors, at Paris-Saclay, October 11<sup>th</sup>
- **Conference** at the Open University of Villeurbanne **with Xavier Dufour** on-site, on December 16<sup>th</sup> (illustration 7)
- **Lectures on "Ampère Day 200 ans"** in Lyon on October 5<sup>th</sup>, including one on "extreme light for the benefit of science and society" by **Gérard Mourou**, Nobel Prize in Physics 2018, sponsor of the commemoration.
- **Conferences at the Ampère Museum** for the **visit of the SEIN** (Société d'encouragement pour l'industrie nationale)



■ Illustration 5



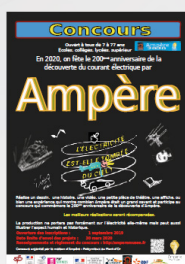
■ Illustration 6



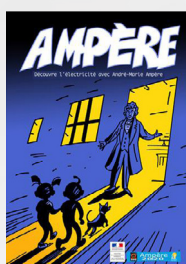
■ Illustration 7

## Actions for the youth

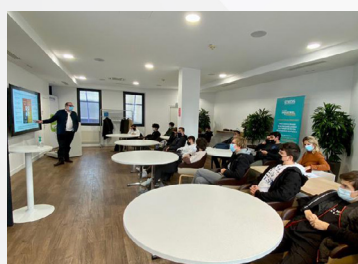
- **National contest** for students (high school, middle school, graduate etc.), awards and prizes, as well as signing sessions with Gérard Mourou for the laureates (illustration 8), **films and medias** consecrated to Ampère, productions by the youth competition's winners
- Ampère **e-conference for schools in Clermont-Ferrand** and recording
- **Brochure for our younger readers** (French, English, Italian, German, Spanish) (illustration 9)
- **Game « le Circuit Ampère » and Quiz** (French and English)
- **First Day on "electricity jobs"** on November 22<sup>nd</sup> in Paris (illustration 10)
- **National action of the academies:** project with the DAAC for young students in the regions: AuRA, PACA, West, Occitanie, Aquitaine and Paris
- **Valuation of Ampère's experiences tables**
- **PhD prize** created by the SEE: first edition named **Ampère-SEE**, awarded on December 5<sup>th</sup>, 2022



■ Illustration 8



■ Illustration 9



■ Illustration 10

## Exhibitions on Ampère

- **Traveling exhibitions** in the **university's libraries of Lyon**
- **Exhibition at the History of Science Museum, Museum of Natural History (MNH) in Geneva** (illustration 11)
- **Exhibition** at the library of the **Polytechnic school and Mus'X** (illustration 12)
- **Exhibition at the CentraleSupélec school**, in the “energy” department for the school year 2021/22
- **Exhibition for Universcience** at the library of the **Cité des sciences et de l'industrie** in Paris (illustration 13)



■ Illustration 11



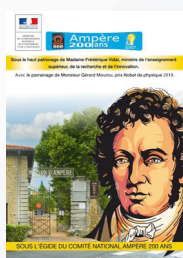
■ Illustration 12



■ Illustration 13

## Publications and articles

- **Media event** on September 18<sup>th</sup>, for the Ampère's presentation bicentenary at the Académie des sciences in 1820 > anniversary day on 9/18/2020
- **General presentation of the REE 2019-5 issue**, updated in November 2020 (French and English)
- **“Journée Ampère 2020” issue** with **REE No. 2021-2** (May 2021) - 20-pages notebook
- **“Journée Ampère 2020” issue** with **N°3 of the 3EI revue** (April 2021), series of articles for teachers on the topics presented
- **2021 booklet of general presentation "Maison d'Ampère and Ampère Day 2020 file"** (French and English) (illustration 14)
- **Article « La fontaine Ampère, avec la statue d'un lyonnais hors du commun »** with the association « L'Eau à Lyon et la pompe de Cornouailles » (illustration 15)
- **Article** from the conference « **André-Marie Ampère, mieux connaître ce grand lyonnais de génie** » at the Open University of Villeurbanne by Xavier Dufour (illustration 16)
- **The book « Je suis... André-Marie Ampère »** by Thierry Saudejaud, published by Jacques André Editeur - Book publisher in Lyon (illustration 15)
- **The book « AMPÈRE »** by Éric Jacques, published by ellipses (illustration 17)
- **« Electric Mobility Day »** issue with CentraleSupélec, with the **REE's N°2022-2**
- **Booklet « Vers une société bas-carbone : L'électricité au cœur des enjeux de l'énergie et de la digitalisation »** in the **REE**, seminar in Grenoble



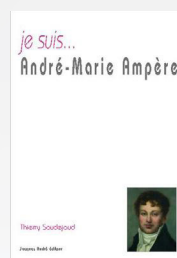
■ Illustration 14



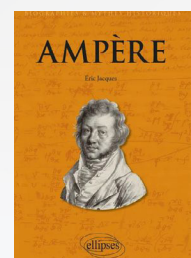
■ Illustration 15



■ Illustration 16



■ Illustration 17



■ Illustration 18

## Videos or audios

- **3-minute digital animation** on Ampère's experiments (English and French versions)
- **Virtual tours** of **LNE's** laboratories in Trappes
- « **La suite de l'histoire** » on **RCF**, dedicated to Ampère with Xavier Dufour

## International

- **Ampère's presentation and e-conference** in the digital e-session of **CIGRE 2020**
- **Ampère's presentation** at the **2020 EPE** Congress session
- **Presentation** in the **CIREC 2020** digital workshop
- **Ampère e-conference** within the framework of **IEEE France**
- **Translation of the youth brochure** (French and English) in Russian, Italian, German, Spanish and Danish
- **Presentation and conference at the 88<sup>th</sup> session of the Acfas Congress** (Canada, May)
- **Presentation and conference at the e-CIGRE 2021**, associated with the CIGRE's centenary commemoration, August 21<sup>st</sup> – 25<sup>th</sup>
- **Interview** of the President of the National Committee Ampère 200 ans on **CIGRE TV** during the August 2022 session in Paris
- **Presentation of Ampère 200 ans** at the meeting with the FIEEC, Club Rodin, Museum of Modern Art, Academy of Technology, SEE, AST21 and the History Committee of the IEEJ (Institute of Electrical Engineers of Japan), on September 14, 2022 during the **85<sup>th</sup> anniversary of Raoul Dufy's "Electricity Fairy"**

## They support Ampère 200 years



May they be warmly thanked for their generosity towards Ampère 200 years!



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