Workshop Perspective 8

Rapport sur les contributions

ID de Contribution: **16** Type: **Non spécifié**

Ateliers en demi-groupes

ID de Contribution: **17**   Type: **Non spécifié**

Pierre Chatagnon

vendredi 26 mai 2023 14:00 (1h 30m)

Pierre got his PhD at Paris Saclay University in 2020 at IJCLab. His thesis work was mainly focused on the experimental study of nucleons structure with the CLAS12 experiment in the US, via exclusive reactions. After his thesis, he decided to change fields and started a post-doctorate position at Genova, Italy, with the CMS experiment at CERN. After almost two years developing CMS new tracking detector, he decided to go back to working with CLAS12. He is now a postdoc in the US, where he mainly works on recent data taken with the CLAS12 experiment.

Classification de Session: Round table : Public research

ID de Contribution: **18** Type: **Poster**

Nicolas Leroy

vendredi 26 mai 2023 14:00 (1h 30m)

Nicolas Leroy has been a researcher at CNRS since 2004 at Laboratoire de l'accélérateur linéaire (LAL) and now at laboratoire de physique des deux infinis Irène Joliot-Curie (IJCLab). He works on the search for gravitational waves with the Virgo experiment. He took part in many competition/interview jurys : CNRS researchers (member of "section 01" between 2012 and 2016), "maitre de conférences" (Sorbonne Université, UGA, Paris-Sud) and research engineers at CNRS.

Classification de Session: Round table : Public research

ID de Contribution: **19**   Type: **Poster**

Antoine Laudrain

vendredi 26 mai 2023 14:00 (1h 30m)

Antoine got his PhD at LAL (now IJCLab) / Paris-Saclay University in 2019 where he worked on calorimeter calibration and CP violation in Higgs physics with the ATLAS detector. He also had an outreach activity at the Palais de la Découverte for 3 years.

He then went to the Johannes Gutenberg Universität in Mainz (Germany) for his first postdoc (2020-2023) where he focused on the development of scintillating calorimeters in the CALICE collaboration (generic calorimeter developments for future experiments) and pulse shape discrimination techniques with such designs. He was also a teaching assistant for two semesters.

He joined DESY-Hamburg (Germany) last month as a postdoc fellow and he is now working on the construction of the CMS High-Granularity Calorimeter and on detector simulations for future accelerator concepts.

Classification de Session: Round table : Public research

ID de Contribution: **25** Type: **Non spécifié**

Francesco Muratori

samedi 27 mai 2023 11:50 (1h 30m)

(Nuclear)

Francesco studied in Italy, at Alma Mater Studiorum - Università di Bologna where he graduated with a master degree in nuclear and energy engineering.
He started his career with a PhD in France, at the CEA of Cadarache, where he worked on the design of a measurement of the decay heat released by a UO2 nuclear fuel sample at the very short cooling time.
After he joined the safety and process division of Framatome as neutronics engineer, where he works on studies of accidents and R&D activities.

Classification de Session: Round table : Research and development, private sector

ID de Contribution: **26**   Type: **Non spécifié**

Maxime Kubryk

samedi 27 mai 2023 11:50 (1h 30m)

(Data)

Maxime obtained his PhD on galaxy formation and evolution in 2014 at the IAP. At that time, he heard about big data and machine learning, and decided that he would try to switch to that field once he finished his PhD. He tried to get a position of data scientist or something similar for a few months, but understood it would be difficult given his purely academic background. So he did a one year formation on big data and AI at Telecom Paris, then landed a data scientist role in a start up doing online advertising that was focused on using cutting edge machine learning at scale. He stayed there for 6 years, and learned a great deal about how to develop models from R&D to deployment. Since September he is now working at Stellantis as « staff ML engineer », where he works on models for autonomous driving, his team works both on developing new models and on the engineering to make their models work onboard vehicles.

Classification de Session: Round table : Research and development, private sector

ID de Contribution: **27** Type: **Non spécifié**

Tasneem Saleem

samedi 27 mai 2023 11:50 (1h 30m)

(R&D instruments)

Tasneem (Dr. in Particle Physics, Paris-Saclay University, IJCLab and CERN, 2019) works on the development and commissioning of a novel radiation-detection chain for scientific, medical, and space applications. Her current research focuses on improving the performance of solid-state photon detectors and the associated front-end readout. As an Application scientist at Weeroc, she is applying her expertise to deliver tangible benefits to society by contributing to different R&D projects. Driven by her passion for physics and her interest in fundamental and applied research, she is working on the transfer of fundamental research knowledge into applications that have a direct positive impact on people's life. Tasneem is also actively involved in helping young doctors make their way past their doctorates, as well as supporting and inspiring the next generation of scientists.

Classification de Session: Round table : Research and development, private sector

ID de Contribution: **39** Type: **Non spécifié**

Elodie Chabrol

vendredi 26 mai 2023 11:00 (1h 30m)

Elodie obtained a PhD in Neurogenetics in Paris and while pursuing research as a postdoc at UCL, London she got involved in the creation of the Pint of Science festival in 2013. She created the French branch in 2014 and after years of working in research and Pint of Science simultaneously, she decided to become a full-time science communicator. She is now the international & france director for Pint of Science and is also involved in various science communication projects as a freelancer, like science communication trainings for scientists, podcasts and hosting of events. She is passionate about helping scientists share their love of science with the public. Her mission is to make science accessible to everyone, everywhere and show the human side of it.

Classification de Session: Round table : scientific outreach

ID de Contribution: **40**   Type: **Non spécifié**

Sylvain Chaty

vendredi 26 mai 2023 11:00 (1h 30m)

Classification de Session: Round table : scientific outreach

ID de Contribution: **41**   Type: **Non spécifié**

Sophie Félix

vendredi 26 mai 2023 11:00 (1h 30m)

Sophie discovered science outreach during her PhD in astrophysics. She enroled in a science journalism school in Lille as soon as she graduated. She then switched to science communication, first at Université Paris-Saclay and then at the CNRS. Today, she is a Corporate Communication Officer and writes about how the CNRS strives to create the best conditions for scientists to carry out their research.

Classification de Session: Round table : scientific outreach

ID de Contribution: **42** Type: **Non spécifié**

Mostafa Hoballah

vendredi 26 mai 2023 14:00 (1h 30m)

Mostafa got his PhD in Particle physics from Blaise Pascal University (Clermont Auvergne) in Clermont Ferrand. His thesis was dedicated to the search for New Physics through study of radiative decays of b to s γ with the LHCb detector at CERN.

Mostafa then switched to low energy physics and has invested in studying nucleon structure - at the previous IPNO and currently IJCLab- mainly using data from the CLAS12 experiment at Jefferson Laboratory in the US.

Among other things, Mostafa dedicated some of his time while at Clermont Ferrand to study Philosophy of science at Blaise Pascal University (Clermont Auvergne).

Since 2020, Mostafa has become a permanent researcher at CNRS. He claims that he holds both rational and irrational, logically founded, scientific beliefs about different topics including, but not limited to, physics.

Classification de Session: Round table : Public research

ID de Contribution: **43**   Type: **Non spécifié**

Laure Tabouy

samedi 27 mai 2023 09:30 (1 heure)

Le docteure Laure Tabouy est neuroscientifique et éthicienne. Guidée par la passion pour la recherche médicale et scientifique en constante évolution, elle a construit et personnalisé son parcours au fur et à mesure des rencontres, ce qui lui a permis d'expérimenter différents milieux de travail, publics et privés, de partir à l'étranger et de travailler avec des personnes venant de tous horizons.

Depuis 2018, elle mène des recherches sur la stratégie et la gouvernance des enjeux éthiques, juridiques et sociétaux du numérique, des neurotechnologies, des sciences et des neurosciences.

C'est en capitalisant sur son profil de double PhD / Digital Ethics Officer de l'EDHEC Business School, qu'elle propose aujourd'hui en tant qu'enseignante, conférencière, consultante et chercheuse associée des formations, des ateliers, des interventions et des accompagnements sur la stratégie et la gouvernance de l'éthique du numérique des projets et des entreprises.

Titulaire d'un 1er doctorat en neurosciences, génétique et biologie structurale de l'université de Paris-Cité obtenu en 2012, son parcours en neurosciences s'est d'abord focalisé sur des thématiques autour des régulations génétiques et épigénétiques lors du neurodéveloppement. Ces thématiques se sont élargies au rôle du microbiote intestinal et de l'axe intestin-cerveau dans l'autisme lors de son post-doctorat à l'Université de Bar-Ilan et à son retour à Paris en 2018, jusqu'en février 2021.

En parallèle, très interpellée par les révisions de la loi bioéthique, et travaillée par ces questions depuis le lycée, elle s'engage entre 2018 et 2021 dans un groupe de travail interdisciplinaire sur les réflexions des enjeux éthiques et juridiques des interfaces cerveau-machine, en parallèle de son travail sur le microbiote. L'ampleur des questions est proportionnelle au nombre des possibles et impose un questionnement éthique constant d'autant plus que les interactions avec l'économie sont réelles.

Elle décide alors de valider un master d'éthique des sciences de l'Université Paris-Saclay en 2021 en proposant un mémoire sur les enjeux de responsabilités que soulèvent les neurotechnologies à la lumière de l'éthique et de la philosophie.

Et c'est avec l'objectif de continuer sur sa lancer en proposant une « Neuroethics by design », qu'elle continue depuis 2021 son travail sur l'éthique des neurosciences et des neurotechnologies sous la forme d'un 2ème doctorat en éthique / neuroéthique, dans l'équipe éthique et épistémologie de l'institut du CESP-INSERM U1018 de l'Université de Paris-Saclay, enrichi d'une formation certifiante de l'EDHEC Business School de Digital Ethics Officer.

Classification de Session: La connaissance des entreprises et des métiers

ID de Contribution: **44** Type: **Non spécifié**

Laure Tabouy

samedi 27 mai 2023 10:40 (1 heure)

Classification de Session: La connaissance des entreprises et des métiers

ID de Contribution: **45**   Type: **Non spécifié**

Nicolas Leroy

vendredi 26 mai 2023 16:00 (1 heure)

Useful links
- GALAXIE for "enseignants-chercheurs" :
https://www.galaxie.enseignementsup-recherche.gouv.fr/ensup/candidats.html
- "concours" researchers :
http://www.dgdr.cnrs.fr/drhchercheurs/concoursch/default-fr.htm
- section 01 website for information :
https://section01.in2p3.fr/index.html
- "concours" engineers :
http://www.dgdr.cnrs.fr/drhita/concoursita/default.htm

Nicolas Leroy has been a researcher at CNRS since 2004 at Laboratoire de l'accélérateur linéaire (LAL) and now at laboratoire de physique des deux infinis Irène Joliot-Curie (IJCLab). He works on the search for gravitational waves with the Virgo experiment. He took part in many competition/interview jurys : CNRS researchers (member of "section 01" between 2012 and 2016), "maitre de conférences" (Sorbonne Université, UGA, Paris-Sud) and research engineers at CNRS.

Classification de Session: CNRS interviews : Backstages

ID de Contribution: **46**   Type: **Non spécifié**

Raphaël Chevrier

vendredi 26 mai 2023 11:00 (1h 30m)

Since 2016, Raphaël CHEVRIER has been working for Arianespace, the European space launch services operator, first as Executive Assistant to the CEO Stéphane Israël, then in the Business Development Division in charge of innovation matters and commercial offer management.
Raphaël Chevrier presented a doctoral thesis in physics at the French Alternative Energies and Atomic Energy Commission (CEA) in 2013.
Passionate about popular science, columnist for the scientific press, he published in 2018 his first book "Ca alors ! Histoire de ces découvertes que l'on n'attendait pas" with la Librairie Vuibert publishing house, followed by « Qu'en dit la Science ? Vaccins, 5G, PMA, numérique, génome··· Pour y voir enfin clair !» with Buchet/Chastel publishing house.

Classification de Session: Round table : scientific outreach

ID de Contribution: **47** Type: **Non spécifié**

Diane Martraire

samedi 27 mai 2023 11:50 (1h 30m)

(data)

After a Ph.D in Astroparticles at IPNO (now IJCLab) in 2014 and almost 4 years of postdoc, first in China and then in Italy, Diane left academia for the private sector.
She tried several things such as Data Scientist at ArianeGroup, Programme Manager at Safran or Engineering Manager at Thales.
For the last 18 months, Diane has been an Engineering Manager at Leboncoin. Basically, her team is made up of developers (web, iOS, Android, backend), a PO and a QAA, who work on adding new features to Leboncoin.

Classification de Session: Round table : Research and development, private sector

ID de Contribution: **48**   Type: **Non spécifié**

D2i2 association

vendredi 26 mai 2023 10:45 (15 minutes)

Classification de Session: D2I2 presentation