

The Working Group on Risk - CREAR, with the support of the IDS dpt, Institut des Actuaire, LabEx MME-DII and the group BFA (SFdS), has the pleasure to invite you to the Seminar by:

**Dr. Vincent LEFIEUX, Head of a Data Science team at RTE
and Dr. Yann LE STRAT, Head of D.A.T.A at SANTE PUBLIQUE**

**February 7, 2018, 12:30pm – 1:30pm
EEE - ESSEC La Défense (CNIT) – room 202**

Data Science from the R&D Perspective: Discussion with Leaders of Data Science teams at *RTE* and *Santé Publique*

A panel will be organized with Dr. Vincent Lefieux, Head of a Data Science team at RTE, and Dr. Yann le Strat, Head of D.A.T.A (Direction Appui, Traitements et Analyses des données) at Santé Publique, with Salma Jamal and Marie Kratz as moderators. We will examine questions as:

- What are the expectations of management, challenges, concerning your responsibility as head of data lab?
- What do you expect from your team and what does your team expect from you?
- How did the job evolve with the introduction of AI, deep learning technologies?
- What are the methods you use? Did you develop your own? What are their limitations and the difficulties you encountered?
- What are the main concerns? In theory? In practice?
- What are the consequences of the introduction of this new technology and its use on companies/institutions when comparing a few years back?

Another series of questions would be: are the challenges comparable between those 2 institutions? with (re)insurance companies and financial institutions at large (from what we could learn during the previous seminars from speakers coming from Institut des Actuaire, Consulting companies or AXA)? Can we learn from each other?

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<http://crear.essec.edu/working-group-on-risk>



Dr. Vincent Lefieux, Head of a Data Science team at RTE

Vincent Lefieux holds a PHD in Statistics (Université Rennes 2) and is a graduate of ENSAI. He held research engineering positions at EDF R&D then RTE R&D; his research subjects mainly concerned time series. He is currently leading a team of data scientists at RTE. At the same time, he has taught courses at various engineering schools (including Centrale Paris-ESSEC, ENSAE, ENSAI, ENPC) and was an associate lecturer (PAST) at UPMC from 2010 to 2015.



Dr. Yann LE STRAT, Head of D.A.T.A at SANTE PUBLIQUE

Yann le Strat holds a PhD in biomathematics (2000) and HDR (2011). He is the director of the DATA (Direction Appui, Traitements et Analyses des données) division at Santé Publique, whose goal is to support the entire agency in the processing and analysis of data, coming from numerous specific surveillance systems, syndromic surveillance and from a lot of epidemiological surveys. With a staff of 50 people, this division is also involved in the processing of a large health insurance database and in the restitution and visualization of epidemiological indicators produced by the agency at national and local levels.

Santé publique France was created on 27 April 2016 as the national public health agency, resulting from the merging of the French Institute for Public Health Surveillance (InVS), the French Institute for Health Promotion and Health Education (Inpes) and the Establishment for Public Health Emergency Preparedness and Response (Eprus).



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