

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:

**Patrick Legand**  
Director of XIRIUS Informatique

**Thursday, December 20 , 2018, 12:30pm – 1:30pm**  
**EEE - ESSEC La Défense (CNIT) – Amphi 202**

**“Cyber Defence**  
**Two cases of practical attacks in business communications”**

*Compromising a company through targeted e-mails*  
*Forging fraudulent contracts through a bad usage of cryptography*

The first case will simply demonstrate how even security aware people could make errors and let their company get compromised through the reception of specific malicious e-mails.

The second case will explain how, in certain circumstances, electronically signing a contract may lead to the elaboration of a fraudulent contract. To achieve the demonstration, we will shortly explain the principles of hash and public key algorithms, and see how to make an optimal use of electronic signatures in order to avoid attacks.

*Financial support from ESSEC Research Center and LabEx MME-DII is gratefully acknowledged.*



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



# Patrick Legand

## Director of XIRIUS Informatique

Patrick Legand is the Managing Director of XIRIUS Informatique, in charge of Cyber Defence and Digital Security. He has provided consultancy for nearly 30 years in IT security critical areas (Operators of Vital Importance, France / NATO Military programs, French Administrations). He is accredited by ANSSI to perform, in collaboration with LSTI, RGS / eIDAS certification audits (all Trusted Service Providers in France and several in Europe), and is the designer of the French “**EBIOS Risk Manager**” review. He periodically organizes or participates to international conferences in Cyber Defence, and is expert to the European Commission in the areas of Trust & Confidence and e-Business Security. He is the author of « **Sécuriser enfin son PC** » (Securing Your Computer and Your Networking Infrastructure), Eyrolles, Dec. 2006.



**Labex MME-DII**  
Modèles Mathématiques et Économiques de la  
Dynamique, de l'Incertitude et des Interactions



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