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## COLLOQUES DU DESS\* 2019

### Colloque de la série « Santé digitale »

Mardi 9 avril 2019 de 11h00 à 12h00

#### Data Protection for Personalized Health

With the fast development of -omics, the biomed community is facing an unprecedented challenge in terms of data protection. In this talk, we will explain why existing information security solutions, such as the ones used in the financial sector, are not sufficient in this case. We will then refine the data protection requirements of P4 medicine and show how modern protection techniques, including homomorphic encryption and private blockchains, can help responding to this challenge, even at very large scale. We will talk about the privacy precautions to be taken before deploying medical apps. We will describe the DPPH project ([dpph.ch](http://dpph.ch)) as well as the MedCo toolbox ([medco.epfl.ch](http://medco.epfl.ch)) developed in collaboration with CHUV. We will also address the activities of GA4GH.

#### Prof. Jean-Pierre Hubaux

Head of Laboratory for Communications and Applications LCA1 Lab  
Academic Director of the Center for Digital Trust (C4DT)  
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**Lieu de la conférence :** *salle Delachaux, Unisanté DESS, Le Biopôle, secteur Vennes-A (SV-A), Rte de la Corniche 10, niveau 1, 1010 Lausanne*

Recommandé par la Société suisse des médecins spécialistes en prévention et santé publique (SGPG) pour la reconnaissance de la formation continue

Les colloques sont publics !

<http://www.iumsp.ch/fr/agenda/iumsp/futur>

Renseignements auprès de Mme Catherine Turrian (tél. 021 314 85 13)

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