



**UNIVERSITÉ  
DE GENÈVE**

**FACULTÉ DES SCIENCES**  
Département de physique  
nucléaire et corpusculaire

## **SÉMINAIRE DE PHYSIQUE CORPUSCULAIRE**

**SUJET:** Particle sensors in CMOS Technologies

**PAR:** Dr Ivan Peric  
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**LIEU:** Science III, Auditoire 1S081  
Boulevard d'Yvoy, 1211 Genève 4

### **RÉSUMÉ:**

The use of pixel sensors implemented in standard CMOS technologies has gained in popularity over the last decade. The most prominent application is consumer electronics – the sensors for digital cameras. CMOS sensors are also a promising option for high energy physics. An overview of existing CMOS detector structures for particle tracking will be given, and their properties compared.

INFORMATION : <http://dpnc.unige.ch/seminaire/annonce.html>

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