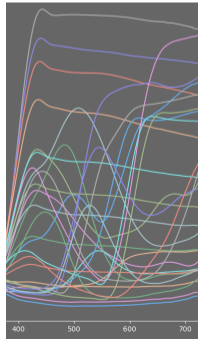
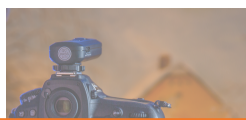




# Nabídka témat bakalářských prací

**Karel Lemr**

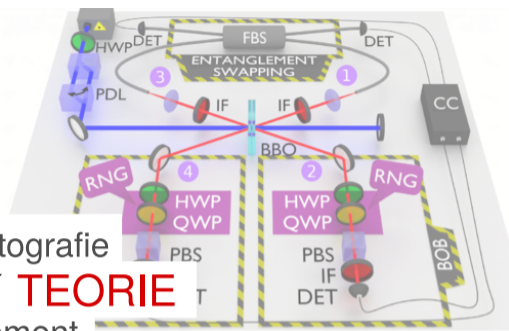
- ▶ laboratoř kvantové informatiky
- ▶ fyzika barev



$$|H_H\rangle = \frac{1}{\sqrt{2}}(|H_V\rangle + |V_H\rangle)$$

$$|H_V\rangle = \frac{1}{\sqrt{2}}(|H_H\rangle + |V_H\rangle)$$

$$|V_H\rangle = \frac{1}{\sqrt{2}}(|H_H\rangle - |V_H\rangle)$$

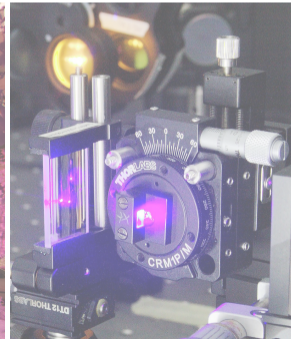


**Témata v oblastech:**

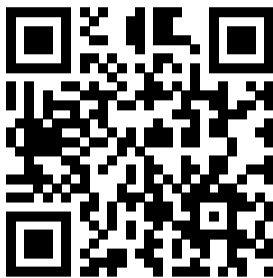
Kvantové hry Kryptografie  
 Kvantové počítání **TEORIE**  
 Hradla Entanglement

**EXPERIMENT** Teleportace  
 Kvantová komunikace

Strojové učení Kolorimetrie  
 Fyzika barev **AI** IBM Q  
 Kvantové technologie



Více naleznete na



<http://jointlab.upol.cz/lemr/topics.html>

[k.lemr@upol.cz](mailto:k.lemr@upol.cz)