



Fiche signalétique

DONNÉES PERSONNELLES

Nom	Kanan
Prénom	Riad
Etablissement	HES-SO/Valais
Téléphone	+41 27 606 87 52
E-mail	Riad.kanan@hevs.ch
Web-page	http://isi.hevs.ch/valais/riad-kanan.html
Groupe thématique	Capteurs-Actionneurs-Conditionnement
Affilié - Institut	Institut Systèmes industriels - Unité Infotronics
Fonction	Professeur HES

COMPÉTENCES SPÉCIFIQUES

- ▶ Antenna design and optimisation
- ▶ Low-power analogue and mixed-mode IC design
- ▶ RFID (LF, HF, UHF): chip, antenna and system
- ▶ Indoor localization system

DOMAINES DE RECHERCHE

- ▶ Antenna Design and optimisation
- ▶ SMART RFID solutions for different professional sectors: health, environmental condition monitoring, distribution and logistics, retail and others
- ▶ Design of Low-power analogue IC
- ▶ Low-power indoor localization system

TRAVAUX EXEMPLAIRES

- ▶ Design of RFID chips for different applications
- ▶ Design of Low-Power IC for medical applications
- ▶ Extremely Low-Power Indoor localization system
- ▶ Antenna Design and optimisation for LF and UHF communications