

Cooperative Research Projects

"SEAMAL BMS" SEcurely Applied MAchine Learning – Battery Management Systems

The project objective in SEAMAL BMS is the conception and development of a next generation of a universal connectivity module for cost-effective use in smart and safe battery management systems, e.g. to be used in electric vehicles for the optimal use of battery resources and range optimization.

This project is co-financed by the European Regional Development Fund.

- [Link](#)



"Smart DICE" Smart Dual InterfaCE IC Platform

The project goal in Smart DICE is the conception & development of a secure RFID-based dual-frequency IC platform that combines the advantages of HF and UHF technology and thus enables efficient and cost-effective interaction of users with the Internet of Things.












This project is co-financed by the European Regional Development Fund.






- [Link](#)












Researchers, engineers and management at NXP Semiconductors Austria do believe in the power of co-creation to master challenges of fast time to market and innovation leadership. We appreciate the complementary know-how of our academic and industrial partners in collaborative R&D projects and the financial support we receive from national and European research promotion agencies.

A selection of currently active projects is shown below. Please do not hesitate to contact us for further information or if you have interest to cooperate with NXP.

PROJECT	SCOPE	FUNDED BY
SEAMAL Front	Securely Applied Machine Learning – Frontrunner	 FFG Forschung wirkt.
SEAMAL BMS	SEcurely Applied MACHine Learning – Battery Management Systems	 FFG Forschung wirkt.  Europäische Union Investieren in Wachstum & Beschäftigung Österreich
Smart DICE	Smart Dual Interface IC Platform.	 FFG Forschung wirkt.  Europäische Union Investieren in Wachstum & Beschäftigung Österreich
SCOTT	Secure Connected Trustable Things. Link	 FFG Forschung wirkt.  ECSEL Joint Undertaking Electronic Components and Systems for European Leadership
IoT4CPS	Trustworthy IoT for CPS. Link	 FFG Forschung wirkt.
DeSSnet	Dependable, secure and time-aware sensor networks. Link	 FFG Forschung wirkt.  KWF Kärntner Wirtschaftsförderungs Fonds  SFG NEUES DENKEN. NEUES FÖRDERN.

PROJECT	SCOPE	FUNDED BY
ANITAS	Advanced NFC Interoperability Test Automation System.	
ZUSE	Electronic Data Sheets for Digitizing System Development. Link	
InSecTT	Intelligent Secure Trustable Things.	
FERMION	Formal Verification of Masked Hardware Implementations.	
STIP	Secure Trustworthy IoT Platform. Link	

PROJECT	SCOPE	FUNDED BY
SAL CMC	Characterizing Magnetic Components	   NEUES DENKEN. NEUES FÖRDERN.
SAL Smart Mask	Smart Mask by RFID	   NEUES DENKEN. NEUES FÖRDERN.
Inno EBS	Interdisciplinary knowledge transfer in Electronic Based Systems (EBS).	 FFG Forschung wirkt.
CD Labor Localization	Trusted Localization for Keyless Access Systems.	 Christian Doppler Forschungsgesellschaft

PROJECT	SCOPE	FUNDED BY
CD Labor Digidow	Private Digital Authentication in The Physical World.	 <p>Christian Doppler Forschungsgesellschaft</p>
Reindeer	REsilient INteractive applications through hyper Diversity in Energy Efficient RadioWeaves technology	