

**Dr. Alexandru Paler**

**Seed Project *Complete Control Software for Reliable Quantum Computers***

Dr. Alexandru Paler works at the Institute of Integrated Circuits at the JKU. After completing studies in Computer Science in Brasov, Romania, he moved to Germany to earn a Master's degree at the University of Applied Sciences in Wiesbaden. In 2015 he completed his dissertation in "Design Methods for Reliable Quantum Circuits" at the University of Passau (Germany).

His LIT project aims to consolidate collaboration efforts with his research partners. Dr. Paler remarked, "Developing control software for quantum computers is not particularly straight forward. No one knows exactly how the software should work." He spends ninety percent of the time programming and experimenting. "Quantum computing is still just technological speculation so it is difficult to get students on board, especially those who could really support us."