

# Want to play a role in one of Europe's most exciting wireless startup companies?

Celestrius, a wireless semiconductor startup company based in Zurich, Switzerland, is hiring outstanding, entrepreneurial-minded, and highly motivated talents for the positions of

- **Junior/Senior Wireless Algorithm Architect & Engineer**

You will be designing, modeling, and simulating advanced algorithms for broadband MIMO wireless communication systems, with the goal to achieve industry-leading performance at minimal implementation complexity. You have a strong background in (MIMO) wireless communication systems and signal processing with an M.S. or Ph.D. in Electrical Engineering or equivalent; you are experienced in both MATLAB and C/C++.

- **Junior/Senior VLSI Design Architect & Engineer**

You will be implementing efficient signal processing algorithms for communication systems in VLSI. Your expertise is in RTL-level digital VLSI design, and you have a solid understanding of digital signal processing. You are fluent in VHDL and in using MATLAB. Familiarity with common front-end EDA tools (e.g., Modelsim and Design Compiler) and experience with FPGAs is an important plus. You should have an M.S. or Ph.D. in Electrical Engineering or equivalent.

The ideal candidate is fluent in English, both spoken and in writing – knowledge of German is not required. We are looking for engineers that are passionate about their work and strive for exceptional results, but at the same time come up with pragmatic solutions on time. Celestrius' engineers enjoy and thrive working in a team, but can also work self-dependently and take initiative on their own. The ideal candidate also likes to contribute to solving problems outside his field of immediate expertise and is an effective communicator.

At Celestrius, you are part of a world-class team that builds exciting products for an enormous emerging market sector. We offer a dynamic Silicon Valley-style startup work environment and a competitive compensation package, with participation in the company's financial success. Celestrius' headquarter is located in Zurich, Switzerland, which offers an enjoyable lifestyle in the center of Europe.

In addition to permanent positions, we are constantly offering attractive

- **Internships**

in the areas of wireless communications and VLSI design to outstanding students.

**ABOUT CELESTRIUS** – Celestrius AG is a spin-off company of ETH Zurich, Switzerland, founded in 2007. The company has evolved out of a joint research project on MIMO wireless communications between the Communication Technology Laboratory and the Integrated Systems Laboratory of ETH Zurich, under the leadership of Prof. Dr. Helmut Bölcskei.

Celestrius commercializes the breakthrough results achieved in more than five years of research, which make the company the technology leader in MIMO wireless communications. The company's complementary founding and management team includes the key contributors of the ETH research project and seasoned semiconductor industry experts.

**INTERESTED?** – If you are interested in helping to shape Celestrius' success, please send us your resume and cover letter, or contact us for more information, at [hr@celestrius.com](mailto:hr@celestrius.com).