



DECTRIS is a successful and growing hightech company that develops and manufactures X-ray and electron cameras to spark scientific breakthroughs around the world. While photographic cameras capture visible light, DECTRIS cameras count individual X-ray photons and electrons. Our 170+ employees are located in Switzerland, the United States and Japan. At DECTRIS, academic research meets agile industry practices. The company's roots are deep in the scientific community and our scientists publish new research results every year. At the same time, our engineers, technicians, administrators, and commercial experts work hard to make sure our customers benefit from the latest technologies without delay. Since the beginning of 2022, our company has been on a journey towards self-organisation. We follow the principles of self-organised work according to Sociocracy 3.0.

Application Scientist

Your Tasks

- Become an expert on DECTRIS X-ray products: You acquire a sound understanding of how our detectors work, how they interplay in our customer's environment, and can translate that into advantages and benefits they offer in various X-ray analytical methods
- Collaborate with researchers: Be the scientific voice for DECTRIS, engaging with our OEM partners as well as researchers at synchrotron facilities and laboratories worldwide. This includes providing application support, participating at conferences, conducting workshops and webinars, and demonstrating the benefits of our technology
- Drive scientific discovery: Work closely with the product managers to identify new application areas for our detection solutions by understanding and translating experimental needs
- Contribute to marketing and sales efforts: Partner with the marketing and sales teams to craft compelling content, such as success stories, application notes, white papers, and deliver presentations that showcase how DECTRIS products help researchers to achieve more

Your Skills

- Hold a Ph.D. in Physics, Chemistry, Materials Science, or a closely related field
- Possess a strong foundation in X-ray diffraction and a profound expertise in Chemical Crystallography and/or Powder Diffraction is essential. Ideally, you also bring along previous experience or a strong curiosity in any kind of modern or emerging X-ray technique such as Coherent Scattering Methods, PDF and Scanning X-Ray Applications
- Proven experience in scientific research and strong academic network
- Excellent communication and interpersonal skills, with the ability to connect with scientists from diverse backgrounds
- A passion for science and a genuine desire to translate complex scientific concepts into clear and concise language
- Interest and experience in X-ray instrumentation and method development is of advantage
- Experience in scientific writing, presentation delivery, user training, and scientific marketing is of advantage
- You see traveling - up to 30% - as an opportunity to meet people, extend your network, and collect new experiences

We Offer

- A successful and growing high tech company in an international, scientific environment
- Joining the global leader in HPC X-ray detectors for science and industry. Our Developers design cutting-edge detectors to support the state of the art science and technology
- An international work environment formed by more than 170 experienced engineers, scientists and other professionals. The company languages are German and English
- Excellent, flexible working arrangements to enable professional development and personal life balance
- An attractive working environment: modern infrastructure with wheelchair-accessible rooms, small fitness room, underground car park, subsidised meals, free snacks and drinks, various company events, internal and external training, home office options, after-work beers and other joint leisure activities

<https://www.dectris.com/career>



X-ray Markets Team

As part of the Product Management Team, the application scientist helps customers to apply DECTRIS' detectors for their research and works with customers on collaborative projects in their application field. The application scientist also provides training to use our detectors, sets up equipment in house and at customers' sites, as well as delivers product demonstrations and presentations at international conferences. Candidates for this position form the interface between customers and DECTRIS and are able to develop and expand partnerships with key opinion leaders. Based on the customers' needs, the application scientist creates content for marketing material, webinars, application notes, white papers, and scientific publications in collaboration with our customers.