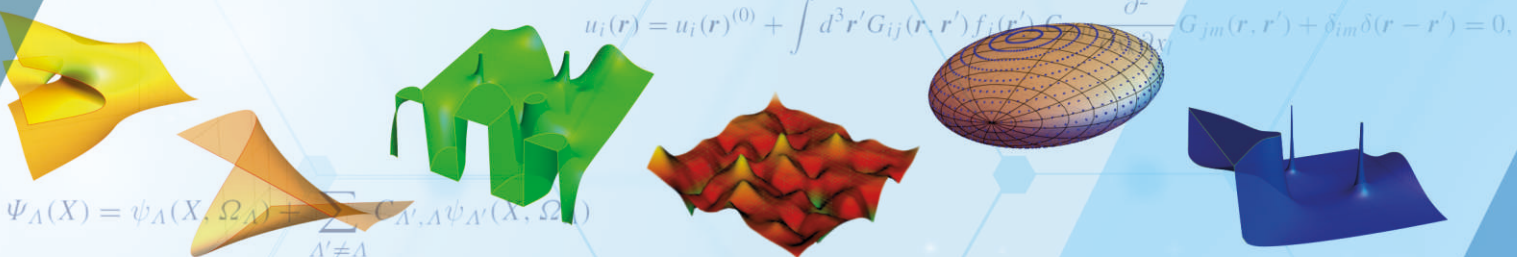




# ATOMICUS

## Analytical & Analysis Software

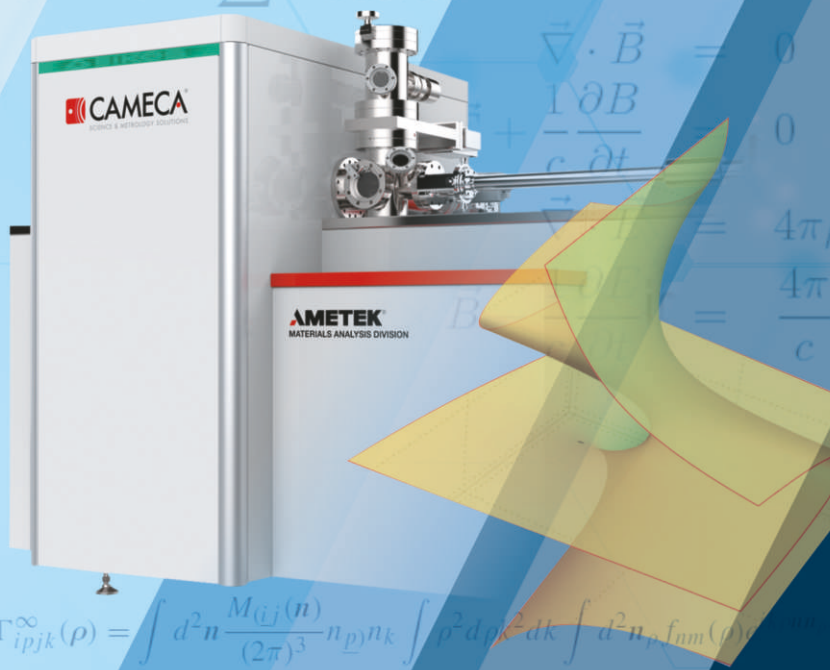
With more than **20 years of experience**, Atomicus has built a substantial rapport with the scientific and industrial communities by understanding and meeting the needs and requirements of our users. We make our focus on analytical software comprising the intelligent algorithms, mathematical and physical methods, big and multidimensional data analyses, artificial intellect and smart data visualization. Atomicus designs the analytical solutions that can propel your company onto the novel high-technologic stage profiting from a scientific environment where ideas and innovation are a part of the daily life. Many employees of Atomicus hold a higher scientific degree in mathematics and physics and therefore speak the language of the customer.



Atomicus is a leading analytical software company focusing primarily on analytical and analysis programming for US, European and Japanese marketplaces. The history of Atomicus lasting 18-year of business success on the international market, the compliance of the company's quality management related to analysis, design, development and testing processes with the ISO 9000:2015 standards allow us to handle projects of any complexity, using state-of-the-art algorithms and technologies. Our customers are such pioneers and flagman of analytical business and leaders of NYSE and NASDAQ as Bruker, Ametek and variety of mid-sized companies. Atomicus offers the wide spectrum of services and

models of joint software development including but not limited to business analysis, user requirements specification, architecture and design of software application, customization of in-tegrable components, technology/data migration, porting of software, reengineering of legacy software applications, support and maintenance of software products, software quality assurance. We are capable to drive the large-scale projects performing statistical analysis, intellectual modelling, data processing and interpretation, process automation, big data analysis and visualization, explanation of physical phenomena and processes.

Atomicus has a long experience of the design and development of large-scale projects edicated to analysis of data for analytical instrumentation based on various physical methods and phenomena. We developed from scratch and used the revised theories and algorithms for preparation, filtering, prepro-cessing and interpretation of data obtained by highly technological instruments manu-factured by world-leading corporations. These instruments and accompanying soft-ware are successfully used in all branches of science and industry: semiconductor, mate-rial research, phar-maceutics, airspace, automotive, chemical and proteomics, and many others.



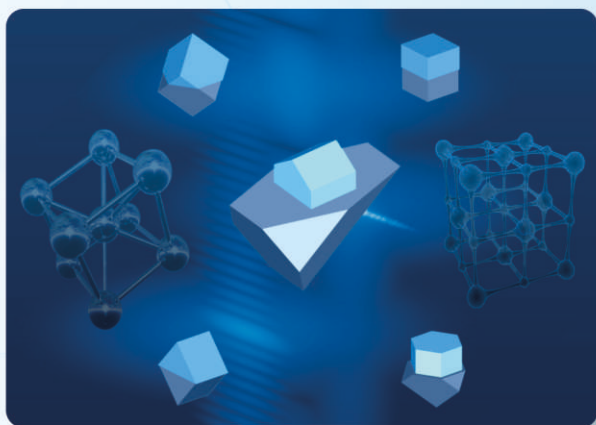
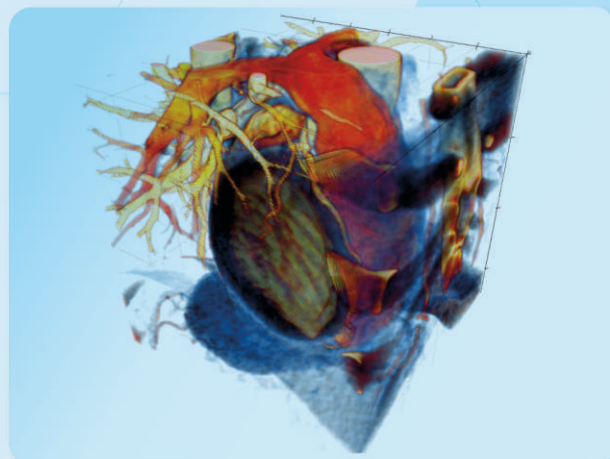




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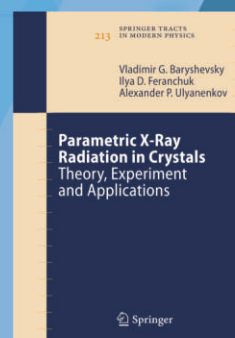
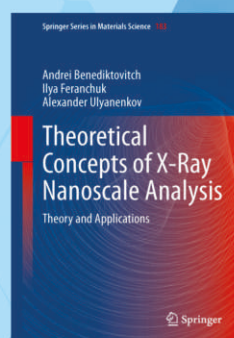
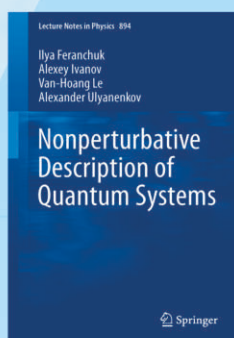
**Atomicus** offers the software engineering services for high-technological analytical instrumentation and provides a reliable and professional project-based outsourcing of software development for any analytical business area requiring both modern graphical user interfaces and fundamental physical and mathematical kernel calculations. We guarantee a greater cost savings, in-time project completion and high reliability of operation for the products developed in our company. The business style of Atomicus provides the comprehensive services realized in flexible cooperation models. Our long experience in software development for analytical and life sciences and instrument industry guarantees a high value of software products.

**Our Experience.** The development of the software for various branches of analytical instrumentation is a keynote specialization of Atomicus team since 1998. We have been working with several global players on this market to develop the modern software products (more than 60 major releases) for data processing and analysis for thousands of the instruments installed world-wide in different branches of industry and science. Among others, the key directions of the development are X-ray diffraction and spectroscopy, which are used in a broad range of applications for the wide spectrum of businesses: automotive, chemistry, pharmaceutical, oil, mineralogy and geology, semiconductor, metal, life sciences, cement, polymers, and other industries and sciences.



**Tools and Methodology.** Atomicus programmers and physicists are experienced to use a broad variety of programming languages, tools and software for development of the products: C, C++, C#, Fortran for programming of physical kernels and user interfaces, .NET frameworks, Microsoft SQL, MySQL, SQLite databases, OpenGL, VTK and Direct3D, GDI for fast and robust 1D, 2D, 3D and 4D data visualization, Windows Forms, WPF, ASP.NET, Silverlight for interfaces, CUDA, DevExpress, MathNet and numerous mathematical libraries for effective code execution as well as Mathematica and other media for supplementary physical and mathematical investigations.

**Scientific Experience.** The work with our high-tech partners in analytical instrumentation business resulted in more than 100 joint scientific publications and patents with the customers world-wide. There are three monographs published by Atomicus members and numerous articles in peer-reviewed highly rated journals and tens of patents filed together with our partners in EU, USA and Japan. We are able to provide the concise research on the requested issue related to physical problem or programming realization of technical idea.



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