



Brett Kraabel

Sr. Science Editor and Writer

dual nationality: French and American

- editor@ p-sciences-communication.com
- <http://www.p-sciences-communication.com>

Skills

Editing, writing

- 15 years' experience editing scientific articles
- Writer and editor for American Physical Society, CNRS, Addison-Wesley, and others
- Authored over 20 articles in scientific peer-reviewed journals
- Created content for university physics textbooks
- Created content for science textbooks for grades 6–8 and 9–12

Technology

- **Information Technology:** Created editing software for TeX (C++, Java, Python)
- **Applied Physics:** Expert in physics recognized by the French Ministry of Research and Technology
- **Applied Optics:** Expert in ultrafast amplified laser systems and associated nonlinear optical systems

Professional Experience

| | | |
|-------------------|--|---------------|
| 2008– | Physical Sciences Communication | FRANCE |
| Position : | Founder and Senior Science Editor and Writer | |
| Function : | Responsible for scientific writing, editing, and translation services. | |
| Result : | Contributed content to physics textbooks such as Essential University Physics (published by Pearson Higher Education); contributed articles to CNRS International Magazine, editor for American Physical Society. | |
| 2006–2008 | Xenocs | FRANCE |
| Position : | Application Engineer for x-ray optics and generators | |
| Function : | Responsible for sales, communications, and business development in North America. | |
| Result : | Increased sales in North America by 100%, initiated new product development program with General Electric, launched distributor partnership with Micro Photonics in USA. | |
| 2003–2005 | Laboratoire de Physique et du Rayonnement de la Lumière | FRANCE |
| Position : | Chargé de Mission | |
| Function : | Responsible for business development, communications, and marketing in North America. | |
| Result : | Negotiated order from U.S. Army and obtained technical collaboration agreements with General Dynamics, Sikorsky, and Northrop Grumman corporations. | |
| 2000–2002 | Viewgate Networks, Inc. | UK |
| Position : | Software Engineer | |
| Function : | Manage SNMP subagent project (C++), oversee three engineers, manage project man-hours, develop C++ code generator for software testing using UNIX shell scripts and XML fault-logging system. | |
| Result : | Delivered SNMP subagent project ahead of schedule, increased test coverage by over 50%. | |
| 1997–2000 | Los Alamos National Laboratory | USA |
| Position : | Research Scientist | |
| Function : | Lead dynamic holography research project, manage four contributing scientists, prepare reports and proposals for funding agencies, design and implement ultrafast optical experiments, publish results in peer-reviewed journals, present results at scientific conferences. | |
| Result : | Obtained the highest holographic temporal diffraction efficiency ever. | |

Education

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|------------------------|--|---------------|
| 2004–2005 | M.B.A. from Grenoble Graduate School of Business | FRANCE |
| Specialization: | Technology Management (first in class) | |
| 1989–1995 | Ph.D. in Physics from University of California, Santa Barbara | USA |
| Specialization: | Experimental condensed matter physics and applied nonlinear optics | |