



Brett Kraabel

Sr. Scientific Editor and Writer

dual nationality: French and American

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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 Scientific 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

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	