



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

- 10 years' experience writing, editing, and translating scientific articles
- Writer and editor for CNRS, Addison-Wesley, American Physical Society, and others
- Authored over 20 articles in scientific peer-reviewed journals
- Developed content and pedagogy for university physics textbooks

Technology

- **Information Technology:** Developed automated editing software in Python for TeX
- **Applied Physics:** Expert in physics recognized by 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	
Achievements:	Created content and developed pedagogical approach for university physics textbooks used by thousands of students worldwide, published popular science articles in CNRS International Magazine, editor for American Physical Society and American Institute of Physics.	
2006–2008	Xenocs	FRANCE
Position:	Application Engineer for x-ray optics and generators	
Achievements:	Increased sales in North America by 100%, initiated new product development program with General Electric, launched distributor partnership with Micro Photonics in the USA.	
2003–2005	Laboratoire de Physique et du Rayonnement de la Lumière	FRANCE
Position:	Chargé de Mission	
Achievements:	Negotiated order from U.S. Army, obtained technical collaboration agreements with General Dynamics, Sikorsky, and Northrop Grumman corporations.	
2000–2002	Viewgate Networks, Inc.	UK
Position:	Software Engineer	
Achievements:	Managed SNMP subagent project (C++), developed C++ code generator for software testing using UNIX shell scripts and XML fault-logging system, delivered SNMP subagent project ahead of schedule, increased test coverage by over 50%.	
1997–2000	Los Alamos National Laboratory	USA
Position:	Research Scientist	
Achievements:	Led dynamic holography research project, managed four contributing scientists, secured funding for research, designed and implemented ultrafast optical experiments, published results in peer-reviewed journals, obtained highest holographic temporal diffraction efficiency ever.	
1995–1997	Laboratoire d'Optique Appliquée	France
Position :	Research Scientist	
Achievements:	Published original research on ultrafast photophysics and nonlinear optics of conjugated polymers, designed and built ultrafast amplified Ti:sapphire laser systems, optical parametric amplifier, and associated characterization apparatus.	

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	