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Contact
T +49 (0)89 747 266 0
F +49 (0)89 776 424
E Tronko@maiwald.eu



Dr. Natalia Tronko

Patent Attorney Trainee
Physicist

Natalia is a patent attorney trainee at Maiwald. During her time as a scientist at the Max Planck Institute for Plasma Physics she worked with application of perturbation methods for development of accurate reduced models for plasma turbulence also permitting accurate numerical simulations of nuclear fusion. As a lecturer at the Technical University of Munich, she developed and taught specialist courses for PhD students and acted as co-supervisor for doctoral theses. She was recruited by the Mathematical Science Research Institute of the University of Berkeley, California as an international expert in the field of theoretical nuclear fusion. Natalia regularly published her scientific work in high-impact journals, such as Computer Physics Communications and Plasma Physics and Controlled Fusion. She has also acted as referee for these journals.

CAREER

since 2020	Patent attorney trainee at Maiwald
2014 - 2020	Research assistant at the Max Planck Institute for Plasma Physics
2015 - 2019	Lecturer at the Faculty of Mathematics, Technical University Munich
2012 - 2014	Postdoctoral researcher at York Plasma Institute
2010 - 2012	Postdoctoral researcher at the University of Warwick

EDUCATION

since 2020	Studying law for patent attorneys at the University of Hagen
2007 - 2010	Doctoral degree in the field of theoretical and mathematical physics, nuclear fusion, plasma physics at the University of Aix-Marseille
2006 - 2007	Master’s degree in theoretical physics, astrophysics, particle physics and mathematics from the University of Aix-Marseille
2001 - 2005	Bachelor’s degree in physics from the Saint Petersburg State University

PRACTICE AREAS

- 电气工程&机械制造

- 移动交通&能源
- 显示技术&光学
- 测量&工艺流程技术
- 专利&实用新型

SERVICES

- Patent examination proceedings and portfolio management
- Application strategies and drafting of patent applications
- Freedom-to-operate- and validity opinions
- Opposition proceedings

RECOGNITIONS

- 2018 Scholarship from the Mathematical Science Research Institute of the University of California, Berkeley
- 2006 Scholarship of the French government
- 2001 Winner of the Regional Physics Olympiad Saint Petersburg

LANGUAGES

- French
- English
- German
- Russian