

Mariya MARINOVA



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Mariya Marinova is currently Assistant Professor in the Department of Chemistry and Chemical Engineering at the Royal Military College of Canada. Over the past ten years, she has collaborated with researchers and stakeholders from the private and government sectors and international partners. Since 2011, Mariya Marinova has been involved in the organization of the International Forest Biorefinery Symposium, now BIOFOR International, an annual event held in conjunction with PaperWeek Canada, featuring the most important forest biorefinery program in Canada.

Her research interests include processes for biomass conversion in biofuels and biochemicals, integration of biorefining technologies in pulp and paper mills, energy efficiency of industrial processes, process modelling and simulation and integration of bioproducts in the transformation chain of the chemical industry.

Career background

Mariya Marinova obtained her first engineering degree from the University of Chemical Technology and Metallurgy in Sofia (Bulgaria). She holds a Ph.D. degree in Chemical Engineering, with a specialization in Sciences of Agro-resources, from the Institut National Polytechnique de Toulouse (France).

After working as a Researcher in France and Bulgaria, in 2006 Mariya Marinova started a postdoctoral fellowship in the Chemical Engineering Department at École Polytechnique de Montréal. In 2008, she was an industrial postdoctoral fellow at FPInnovations, one of the largest private scientific research centers in the world. From 2009 to 2016, she was a Research Scientist at École Polytechnique de Montréal, where she co-founded and co-directed the Research Unit on Energy Efficiency and Sustainable Development of the Forest Biorefinery.

Mariya Marinova is the author/co-author of 8 books chapters and journal editorials, she has published over 40 articles in peer-reviewed journals and made over 70 contributions at national and international conferences.

Current/past Chairs/Committees/Boards served on

- Member of BioFuelNet Canada, a Network of Centres of Excellence
- Associate editor of the Journal of Science & Technology for Forest Products and Processes
- Member of the Editorial Board of the Journal of Bioprocess Engineering and Biorefinery
- Chair of the International Forest Biorefinery Symposium

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