Maria Soledad Peresin got got her Licenciate in analytical chemistry in 2007, from Universidad Nacional del Litoral (Argentina) with focus on pulp and paper chemistry. In 2011, she obtained her Ph.D. in Forest Biomaterials degree from North Carolina State University (USA).

In 2010 she was a Visiting Scholar at the Department of Forest Products Technology, Aalto University (Finland). After finalizing her doctoral dissertation, in 2011 she joined the High Performance Fibre Products Knowledge Team at VTT, for her post-doctoral studies and where she continued working as a Senior Scientist.

She has over ten years of academic experience with strong emphasis on nanocomposite materials, surface chemistry of plant cell wall components and their interactions, including studies of the materials in model surface approach.

She joined the School of Forestry and Wildlife Sciences, Forest Products Development Center at Auburn University in 2016 as a faculty member and has recently been appointed Associate Professor of Forest Biomaterials.

During her time at Auburn, Dr. Peresin has established a solid multidisciplinary research platform that gathers expertise in the areas of chemistry, pharmacy, materials sciences and engineering, as well as product development, encompassing the needs for stimulating new businesses in food, pharmaceutical, biotechnology and medicine sectors, through novel value-added products from biomass (wood, annual crops, agro-forestry, sericulture, etc.).

The impact of her research is well documented with 40 publications, 6 book chapters, 1 patent, several invention disclosure applications and over 100 presentations in national and international forums, including invited talks. Most recently she completed the co-editing of a book titled “Lignocellulosics. Renewable Feedstock for (Tailored) Functional Materials and Nanotechnology” (Elsevier, 2020). She is one of the recipients of the NSF CAREER award 2021.

Dr. Peresin is an active member of the Cellulose and Renewable Materials Division (CELL) of the American Chemical Society (ACS) and the TAPPI Nano Division. She currently serves as the Chair of the TAPPI Nano Research Committee and Alternate Councilor of the ACS CELL Division.

She had organized many meetings and workshops throughout the US, EU and South America including ACS National and Regional Meetings and TAPPI Nano International meetings.