RÉPUBLIQUE FRANÇAISE
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INSTITUT FRANÇAIS

HENRI VAHABI

From France to Sweden

Project: **Flame-retardant composites for building applications**

Research topic: **Engineering**

Swedish Institution: **Luleå University of Technology**

French Institution: **University of Lorraine**

Dates of mobility: **22/10/2023** to **25/10/2023**

Program: **SFVE-A**

PRESENTATION

Henri Vahabi has been an associate professor, Habilitation, in the Department of Materials at the University of Lorraine, France since 2012. He received his Ph.D. in Materials Science from the University of Montpellier, France, in 2011. His main research interests include structure-property relationships in polymer systems and especially flame retardancy of polymeric materials and nanocomposites. He has authored over 150 peer-reviewed scientific articles, books and book chapters. He is a committee member of the "Fire group" for the Chemical Society of France and is also an editor of several international journals.

ACTIVITIES IN SWEDEN

Henri Vahabi was eager to explore the research facilities available at Luleå University of Technology, immersing himself in their state-of-the-art laboratories to gain valuable insights and broaden his scientific horizons. He aimed to solidify his collaboration with Prof. Oisik Das and Prof. Michael Försth, fostering a robust and enduring professional relationship. Through in-person discussions, brainstorming sessions, and collaborative planning, they sought to synergize their expertise and forge a path towards ground breaking research endeavors. Additionally, Henri was enthusiastic about discussing the potential for applying for the second Horizon project (the first one was submitted in September 2023), which held immense promise for advancing their shared research objectives. Recognizing the value of international academic exchange, he also explored the possibilities for student mobility between the University of Lorraine and Sweden by participating in a workshop organized by the International Office of LUT.