Francesca Menchini graduated in Physics at Sapienza University of Rome. She has been working as a Researcher at ENEA since 2000. She has experience in the field of deposition and characterization of thin films and design of optical interference coatings for applications in lasers, environmental and space spectrometers and microcavities. She currently works in the field of silicon photovoltaics and mainly in the study of new materials and architectures for high-efficiency heterojunction solar cells.