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Amélie Dussaigne received the Ph.D. degree in Physics from the University of Nice-Sophia Antipolis, France, in 2005. The subject was “Monolithic white light emitting diode” and was supervised by Prof. N. Grandjean. She worked on the MBE growth and optical characterizations of (Al,In,Ga)N based heterostructures during 8 years, through her thesis and a post-doctoral position during 4 years at Ecole Polytechnique Fédérale de Lausanne (EPFL). She joined the CEA-Leti in 2010 where she worked first on wire based LEDs grown by MOVPE. In 2012, she gets into the start-up Aledia as an epitaxy engineer, before finally joining again the CEA-Leti in 2013 as a permanent researcher. She was named CEA senior scientific expert in 2015. An important part of her researches has been devoted to the InGa_N material. Her main current research is dedicated to native Red-Green-Blue micro-displays for augmented reality applications through the study of the In incorporation in the InGa_N alloy. She is author and coauthor of more than 80 publications and 20 patents