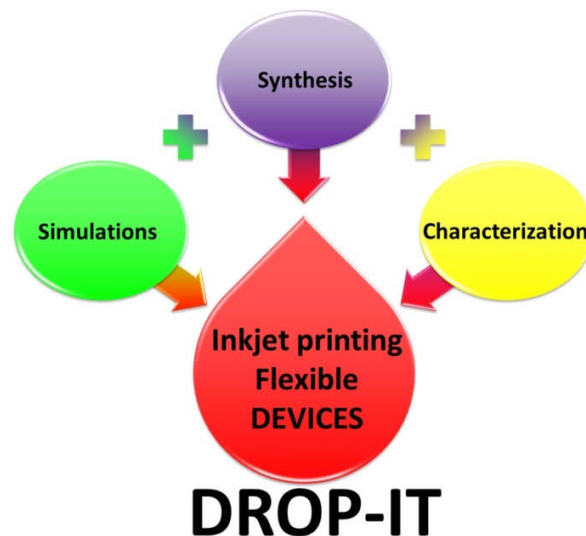


One-year overview of the H2020 European project DROP-IT

Debdipto ACHARYA(1), Laurent PEDESSEAU (1), George VOLONAKIS (2), Mikael KEPENEKIAN (2), Claudine KATAN (2), and Jacky EVEN (1)
(1) FOTON Institute – INSA Rennes, France, (2) ISCR, France

DROP-IT is a 3years H2020 European project starting in November 2019. **DROP-IT** “DRop-on demand flexible Optoelectronics & Photovoltaics by means of Lead-Free halide perovskITes”. FOTON Institute - INSA Rennes and ISCR are part of the DROP-IT consortium (8 European partners). DROP-IT will combine optoelectronics and photonics in a single flexible drop-on demand inkjet technology platform by means of exploiting the enormous potential of lead-free perovskite materials. FOTON Institute – INSA Rennes will be in charge of the simulation task of the project. The first year has been mainly focusing on 2 tasks i) the state-of-art bibliography and analysis of the lead-free materials for solar cells, leds, photocatalysts, and then ii) the exploration of new lead-free materials by Density Functional Theory.



DROP IT consortium : UNIVERSITAT DE VALENCIA (Spain), UNIVERSITAT DE BARCELONA (Spain), UNIVERSITAT JAUME I DE CASTELLON (Spain), EIDGENOESSISCHE TECHNISCHE HOCHSCHULE ZUERICH (Switzerland), FUNDACJA SAULE RESEARCH INSTITUTE (Poland), SAULE SP ZOO (Poland), AVANTAMA AG (Switzerland), INSTITUT NATIONAL DES SCIENCES APPLIQUEES DE RENNES (France)

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