

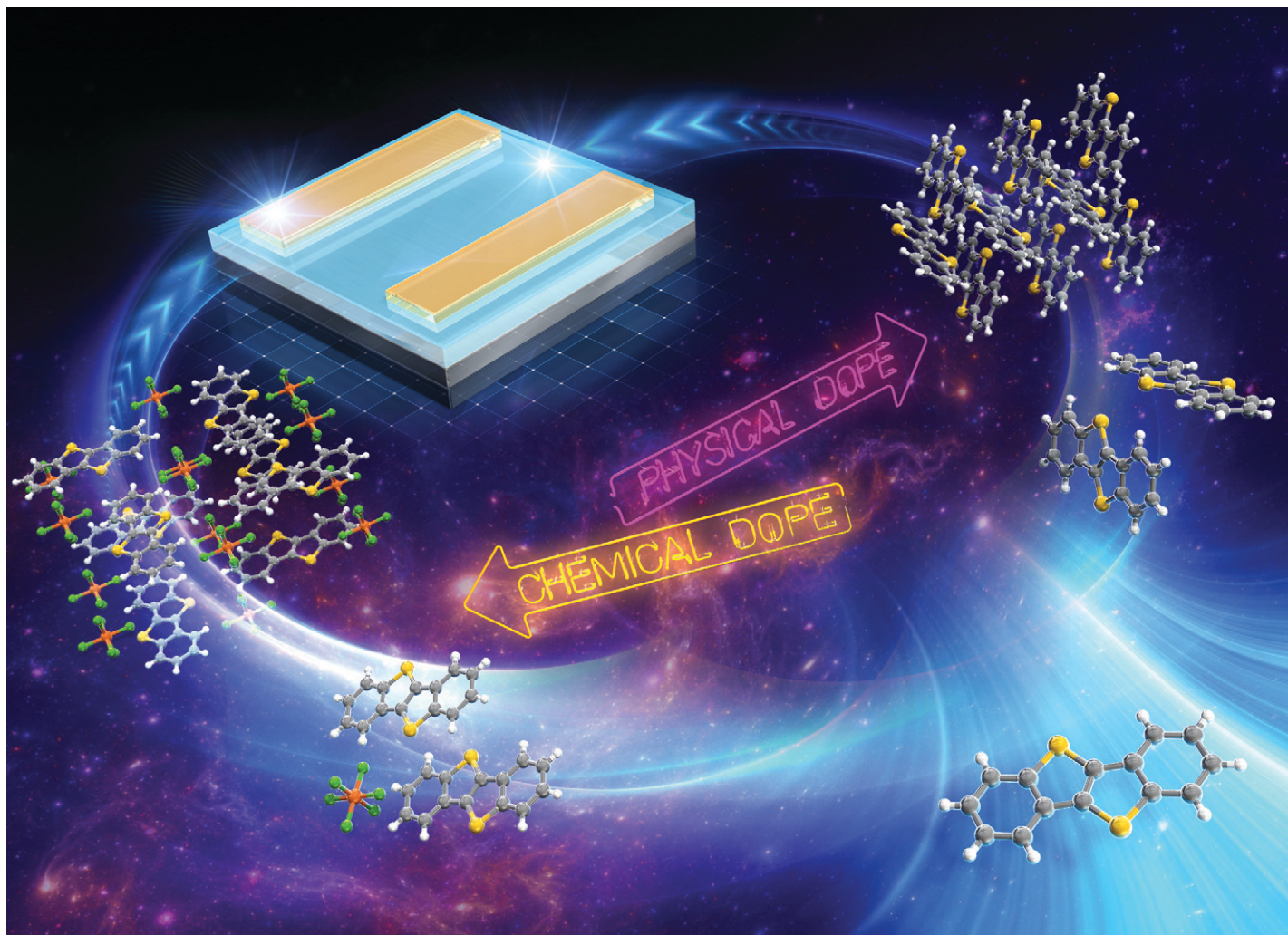
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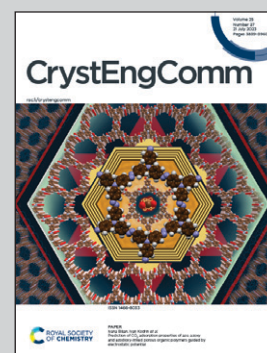


Showcasing research from Dr Tomofumi Kadoya, Department of Chemistry, Konan University, Kobe, Japan; and from Dr Toskiki Higashino, Research Institute for Advanced Electronics and Photonics, National Institute of Advanced Industrial Science and Technology (AIST), Tsukuba, Japan.

Boundary research between organic conductors and transistors: new trends for functional molecular crystals

This review highlights a unique transistor-fabrication method, so-called “self-contact” approach, in which the electrodes are formed from a part of the organic semiconductor thin film through chemical doping with dry and wet process, and will provide a valuable insight on the advantages and challenges for designing and developing next-generation organic electronic materials/devices.

As featured in:



See Tomofumi Kadoya *et al.*, *CrystEngComm*, 2023, 25, 3846.