

IRG PHENICS ON-GOING COLLABORATION

Title of the collaboration: Development of Photochromic Molecules with Ionic and Coordination Interactions

COUNTRY A:	Japan	COUNTRY B:	France
Name of group/Institution:	Nara Institute of Science and Technology, NAIST	Name of group/Institution:	University Paul Sabatier
Name:	KAWAI, Tsuyoshi	Name:	Coudret, Christophe
Other participants:	T. Nakashima, M. Taguchi, Y. Kutsunugi, T. Nakagawa.	Other participants:	
Role in the collaboration:	Research director	Role in the collaboration:	Research conductor

Background, objectives, results:

Figure:

Common publications, communications, bilateral funding, invitation funding, co-tutoring of students, ...:

1. Nakagawa, T., Serpentine, C.L., Coudret, C. Micheau, J.C., Kawai, T., "Substrate induced catalysis: Deciphering the weak acid triggered bleaching of an angular terthiazole photochromic dye", *DYES AND PIGMENTS*, **89**, 271(2011).
2. C. Coudret, T. Nakagawa, T. Kawai, J. -C. Micheau, "Weak Acid Triggers the Ring Opening of an Otherwise Long-Lived Triangle Terthiazole Closed Isomer", *New J. Chem.*, **33**, 1386 (2009).

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