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After being nominated by the Catalysis Division of the French Chemistry Society, **Kim Larmier** has been given the **“EFCATS Best PhD Thesis Award 2017”** for his thesis entitled **“Isopropanol conversions on alumina solids: a mixed experimental / multiscale modeling approach”**.

The prize is awarded every two years by the European Federation of Catalysis Societies (EFCATS), and is **the most prestigious international thesis award in the field of catalysis**.



**Kim Larmier is the first French researcher to win the award.**

The prize will be handed over in August 2017 at the EUROPACAT XIII Congress, which will be held in Florence, Italy.

Kim Larmier’s thesis research concerned the **study of the dehydration of isopropanol on alumina-based catalysts**, using an approach combining *ab initio* theoretical calculations, kinetic modeling and catalytic tests. The active sites in this reaction were identified and performance prediction models were created on the basis of *ab initio* calculations.

The research was supervised by Éric Marceau and H  l  ne Pernot from the Surface Reactivity Laboratory at UPMC (Paris VI) together with [C  line Chizallet](#), Sylvie Maury and Nicolas Cadran (IFPEN's Catalysis and Separation Division).

It will be recalled that **Kim Larmier** was the [Yves Chauvin thesis prize winner in 2016](#).

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[Prix de th  se Yves Chauvin 2016 remis    Kim Larmier pour ses travaux en catalyse](#)

Catalysis: Kim Larmier, a PhD researcher at IFPEN, receives the highly prestigious EFCATS Best PhD Thesis Award 2017

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