

## Catalytic *N-N* bond formation *via* a decarbonylative *Ni*-mediated process and application to polyazanes

<u>Viktor Boshevski</u><sup>†, ‡</sup> (viktor.boshevski@univ-lyon1.fr), Gaël Tran<sup>‡</sup>, Lionel Joucla<sup>†</sup>, Abderrahmane Amgoune<sup>\*,‡</sup>, Emmanuel Lacôte<sup>\*,†</sup> Université Claude Bernard Lyon 1, LHCEP<sup>†</sup> (UMR 5278), ICBMS team SCORE<sup>‡</sup> (UMR 5246)



HEDMs are required for greener, safer, smaller, reusable and more efficent launchers  $\rightarrow$  technical breakthrough HEDMs chemistry of polynitrogen compounds is very complex and difficult  $\rightarrow$  Poor literature data HEDMs are key for the future of space propulsion  $\rightarrow$  global competitive challenge for space agencies

<sup>a</sup> A. Amgoune, Synlett., **2021**, 32, 1531-1536; <sup>b</sup> G. C. Fu, J. Am. Chem. Soc., **2017**, 139, 12153–12156; <sup>c</sup> Y. You, ACS Catal., **2019**, 9, 10454–10463.