Bismuth, a versatile but often overlooked element

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To many chemists, bismuth is just a name, an element they heard of as undergraduate students, but know little to nothing about, let alone have ever used it for anything. My talk will give a glance into the rich and versatile chemistry of bismuth, its past, current and prospective uses in a diverse range of fields, including medicine, microelectronics, green technology and cosmetics. Furthermore, I will present a cross section of current research topics[1][2] related to it, and will conclude with a glance at my own current research on the mechanisms of bismuth nanoparticle formation from precursor compounds in solution[3].

[1] M. Mehring, *Coord. Chem. Rev.*, 251(7-8), 974 (2007)
[2] A. A. Auer et. al., *Organometallics*, 28(18), 5405 (2009)
[3] L. Miersch et. al., *Chem. Eur. J.*, 17(25), 6985 (2011)