

**Keynote Co-author  
Nickel-Cobalt-Copper Sessions**



**John Parker**  
Process Ideas

John Parker has worked for 30 years in the metallurgical industry. He started his career in operations gaining experience in gold, uranium and platinum group metals. For 24 years he worked for various project management and engineering companies holding positions from senior process engineer right through to divisional managing director. His particular skill is in the practical application of process technology across minerals processing, pyrometallurgy and hydrometallurgy.

On the minerals processing front, John has been responsible for the implementation of metal recovery from slag technology around the world. In pyrometallurgy he has been intimately involved in some of the largest projects in Southern Africa amongst others the Herculite and SA Chrome ferrochrome furnaces and the 40MW cobalt DC furnace for Chambishi metals. In hydrometallurgy John has done project work in copper, nickel, uranium, gold and cobalt encompassing atmospheric and pressure leach technologies, solvent extraction, ion exchange and electrowinning.

In recent times John has been intimately involved with the process design for the Katanga mining copper / cobalt refinery for Glencore in the DRC. During 2010-11 John provided process input to the Tenke Fungurume cobalt plant options study for Freeport McMoran. John also played a key role in various phases of the Kolwezi copper / cobalt tailings retreatment project for ENRC. During the period 2012-2013 John filled the role of Managing Director for SNC-Lavalin in South Africa.

Since 2014, John has been an independent consultant trading as Process Ideas out of Johannesburg and has been involved with various clients on projects in Africa. Most notably the whole ore copper leach project for Katanga mining (Glencore) and the Roan tailings retreatment project for ERG both in the DRC.