



EFC-EUROCRR2020 workshop

Corrosion and corrosion protection of additive manufactured metals Chaired by Prof. Iris De Graeve

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Additive manufacturing of metals is gaining much interest in various application sectors with aerospace and biomedical as the most dedicated at present. Due to the unique microstructures created during additive manufacturing, which are very unlike the conventional microstructures that we have studied for many years in wrought and cast alloys, the corrosion mechanisms are also very different and unique. Dedicated research is required to understand the corrosion performance properties, as well as to create adapted corrosion protection measures, either by changing the AM printing conditions or alloy compositions, fine-tuning the post-heat treatments and/or developing adapted surface treatments.

We invite presentations dealing with surface properties, corrosion and corrosion protection of AM metals.

During EUROCRR 2020 - September 6-10, 2020
Brussels, Belgium