

New books "Corrosion of Refractories"

The first volume of the FIRE Compendium series on refractories on the theme of corrosion has been recently published (2017) for which Jacques Poirier and Michel Rigaud are the editors.

FIRE-Federation for International Refractory Research and Education (<http://fire-refractory.org/>) is a non-profit organisation established to promote international education and research programmes for the refractory industry. Nowadays, FIRE has 27 members drawn from all sectors of the refractory producing, supplying and consuming industries together with academic institutions involved in refractory research. Apart from being committed to a series of research programmes with contributions from both industrial and academic partners, which are by definition precompetitive, FIRE is launching a compendium series in association and in partnership with Göller-Verlag publishing to make refractory science and technology available to academia, students, refractory raw material suppliers, producers, users and others interested in the refractory industry.

FIRE compendium series envisages three books on corrosion of refractories. The first volume ([volume 2A](#)) on the Fundamentals focuses degradation mechanisms including thermal aspects; chemical aspects and transfer of materials; phase changes and mechanical aspects; and coupling between all those aspects. The corrosion processes are treated at the macro-, meso- and microscopic scales. Seven authors, coordinated by the editors, contribute to the seven chapters of this book.

The volume 2A on Fundamentals will be followed by two other volumes: 2B on Testing and Characterization Methods (published in June 2018) and 2C on The Impact of Corrosion on plants availability and products quality, illustrated by case studies (published in September 2018).

