

Volume 3: SGAMR is Always on Track!

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The year 2019 represents a new growing step for SGAMR, that starts to publish “continuously” all the accepted papers, once they are subjected to positive, blinded peer-review process. This is a further effort to improve the service for the contributors and for the readers, given that the efficiency of the journal to share knowledge can be maximized.

Hänig *et al.* (2019) focus on the experimental analysis and optimized modelling in support of the design of laminated glass members characterized by various types of interlayers. Sable *et al.* (2019) also investigate the bending response of laminated glass members with different bonding layers, with a focus both on the pre-cracked and post-cracked performance assessment.

The mechanical characterization and analysis of glass members is a key aspect for the civil engineering applications, but for the constructional sector in general. In this regard, (Joshi and Webb, 2019) discuss about the mechanical analysis of thin glass panels for photovoltaics applications. Last but not least, another relevant contribution on the mechanical performance assessment comes from (Chordiya and Goel, 2019), with a focus on the drop weight impact response of tubes that are filled by polymeric syntactic foam.

For the same Volume, a number of contributions is focused on the chemical and physical analysis of various relevant aspects for glass and glass-related applications. Cheng-Yu *et al.* (2019) present a new golden red glass that is based on Na₂O-CaO-SiO₂ system, without SnO₂ and PbO. The benefits of using new golden red sodium calcium silicate glasses are proved at several levels, like the reduction of gold amount, the minimized cost and the reduced pollution to the environment. Rao (2019) describes original experimental studies aimed at investigating the structure of lead vanadate glasses. A focus is given to the structural role of GeO₂ in (50-x) PbO, with an extended discussion of original experimental observations.

Two further original contributions come from (Owoyemi *et al.*, 2019; Gomaa *et al.* 2019a; 2019b). First, the attention is focused on the analysis of the total conductivity of calcium iron borate glasses. Later on, a deep discussion is provided on the effects of acid frosting on the actual microstructure and mechanical strength of eroded soda-lime-silica glasses, as an effect of sandstorm.

Finally, SGAMR moves with (Azzawi *et al.*, 2019) towards the definition and design optimization of a novel system able to measure the ammonia gas pressure in the infrared region. The paper presents some first measurements based on the spectral analyzer (with a focus on the 1.5μm region). Successively, the sensing system of gases is proposed. As shown, the advantages of the sensor system are high accuracy and easy application in laboratory or industrial scenarios.

As usual, a special thanks to all the authors and reviewers! Enjoy this volume!

The Editor in Chief and the Associate Editors

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