

Title:

Material developments and design aspects

Organizers:

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Abstract:

New standardization developments and regulations to protect people and environment as well as a growing consciousness towards more sustainable buildings should lead to an increasing demand on new material developments.

This session is looking for contributions that show an improvement on new material compositions, enhanced properties or improved durability. In addition, comparisons and overviews of diverse material properties and aspects of existing materials are welcome to fill information gaps which have appeared during recent standardization processes.

Material developments and improvements might create the necessity to adjust or modify design aspects (like e. g. the new design concept for ETFE foils created for the draft of the European Technical Specification) which might be also presented in the frame of this invited session.