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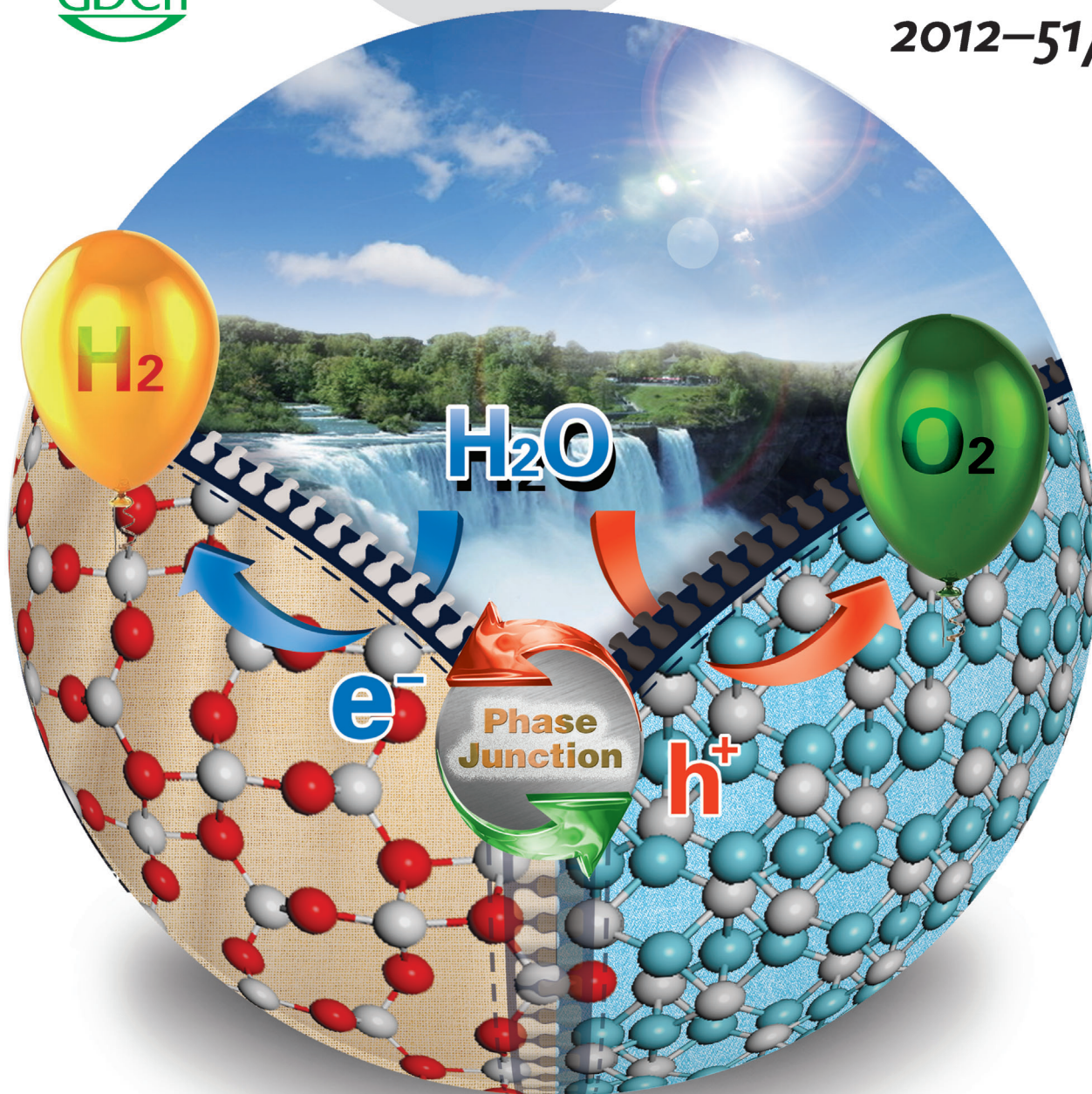
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Charge separation ...

... is one of the key issues related to the photocatalytic activity of semiconductor-based photocatalysts for overall water splitting. In their Communication on page 13089 ff., C. Li et al. show that the phase junction formed between two phases of Ga_2O_3 can facilitate charge separation, resulting in high photocatalytic activity for overall water splitting.

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