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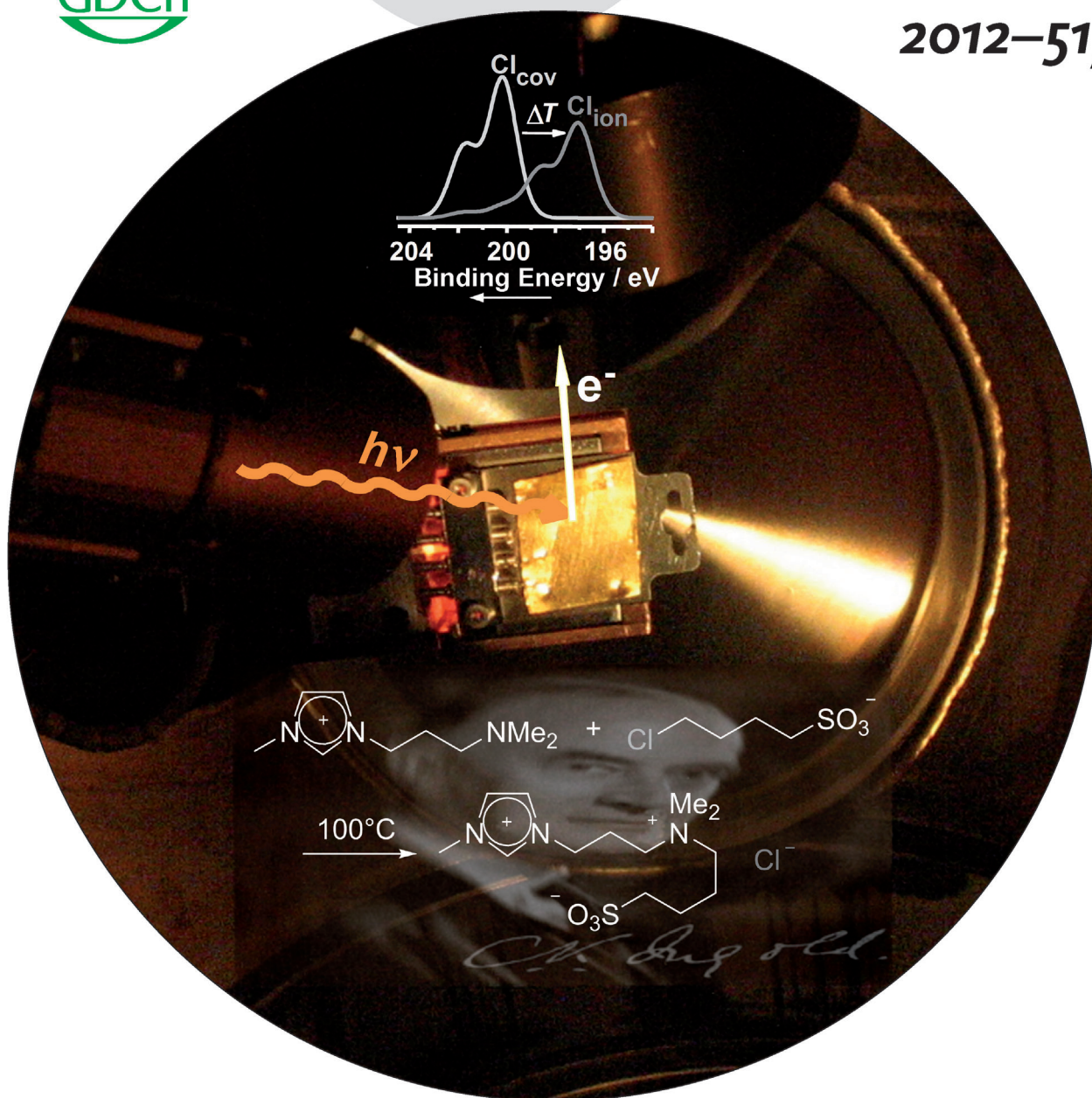
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Nucleophilic substitution ...

... belongs to the fundamental organic reaction mechanisms since the pioneering work of C. K. Ingold in the 1920s. In their Communication on page 2610 ff., H.-P. Steinrück and co-workers monitor the alkylation of a tertiary amine attached to an imidazolium cation with a chloroalkylsulfonate anion by photoelectron spectroscopy, which can distinguish between covalently bound chlorine (Cl_{cov}) and chloride (Cl_{ion}).

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