A depiction of the interaction of an excess electron with the hydrogen-bonded complex NH$_3$...HCl, which induces formation of the ionic pair NH$_4^+$Cl$^-$ solvated by the excess electron. The image shows the structures of three possible systems and highlights the areas that correspond to 10%, 30%, and 50% of the excess electron. See page 936.

Illustration: Maciej Haranczyk

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