The resonance-stabilized carbocation intermediate of electrophilic aromatic substitution of arenes is called the arenium ion.

eg:

\[
\text{Mechanism:}
\]

Step 1:

Step 2:

see also Friedel-Crafts alkylation, Friedel-Crafts acylation
Contributors

- Gamini Gunawardena from the OChemPal site (Utah Valley University)