

GENEALOGY DATABASE ENTRY

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Eley, Daniel Douglas

1914 -

DEGREE: PhD

DATE: 1937/1940

PLACE: Manchester/Cambridge

TEACHER/RESEARCH ADVISOR: Polányi/Rideal

studied the phenomenon of adhesion; investigated the physical properties of colloids; studied reactions such as decomposition of N_2O , parahydrogen conversion, hydrogen adsorption, and alkene polymerization on metal and metal oxide surfaces; investigated the physical properties of organic semiconductors and the kinetics of ionic polymerization.

FOOTNOTE: Eley obtained his first PhD degree working with Polányi on phthalocyanine. He then worked with Rideal on the mechanism of the tungsten-catalyzed conversion of parahydrogen.

1. For confirmation of thesis advisors, see *Chem. Ind.* **1975**, (Oct.), 800-806.