Edlund, Eric 1819 - 1888

DEGREE: PhD (physics) DATE: 1845 PLACE: Uppsala
TEACHER/RESEARCH ADVISOR: Svanberg

investigated fluid motion, polarization of light during a total eclipse, and thermal phenomena accompanying changes in volume of solids; studied electricity, describing a method of simultaneously transmitting messages in opposite directions along the same telegraph wire; investigated the heat given off by induction currents; studied electromotive forces generated when two different metals are put in contact; investigated the resistance of arc lamps; developed a theory of atmospheric electricity to explain the phenomenon of northern lights.

FOOTNOTE: Edlund studied with Weber in Leipzig for two years after obtaining his PhD.

1. *Electrician* 1888, 21, 595-596.
8. Personal communication from Prof. Anders Lundgren at Uppsala: verified research advisor directly from Edlund’s dissertation.