

Indianapolis Peirce Seminar

On Intuitionistic Existential Graphs

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A new variation of Peirce's Existential Graphs, *Intuitionistic Existential Graphs* embodies a new proof system for Intuitionistic Logic. This Logic is slightly weaker than Classical Logic and appears in various corners of Mathematics. In fact, different subsystems of this new Existential Graphs account for a whole lattice of sublogics of Intuitionistic Logic.

Arnold Oostra is Professor of Mathematics at Universidad del Tolima in Ibague, Colombia. He received his PhD in Mathematics from Universidad Nacional de Colombia in Bogota, and he is the author of *Huellas en los encuentros de geometria y aritmetica* (Bogota, 2005). One of his main interests is Charles S. Peirce's Mathematical Logic and he has published many papers on the topic in *Boletin de Mathematicas*.

The lecture will be given on **Wednesday October 24 at 6:00 pm** at the Institute of American Thought in Room ES 0014. The institute is housed in the basement of the Education and Social Work building on the IUPUI campus, 902 West New York Street, Indianapolis.

The Indianapolis Peirce Seminar meets on an irregular basis at the offices of the Peirce Edition Project. For more information, see

<http://www.iupui.edu/%7Epeirce/research/speakers.html>

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