2021 World Logic Day

Keynote Address: "Algorithms, Equations, and Logic"

Martin Davis, Emeritus Professor, NYU

Thursday, January 14, 2021, at 2:00 pm. Via WebEx

Sponsored by the Louisiana Scholars' College

Moderator: Alexei Muravitsky, Professor of Mathematics, NSU

On World Logic Day, the Louisiana Scholars' College at Northwestern State University will host a virtual keynote address by American mathematician Martin Davis titled "Algorithms, Equations, and Logic." The lecture will be held on Thursday, January 14, 2021, at 2:00 pm CST through WebEx. There is no fee for the talk, and all who are interested are invited to attend. Please **register here** to receive the meeting invitation.

Martin Davis, Emeritus Professor at New York University, is widely known for his work on Hilbert's tenth problem which led to the MRDP theorem. Davis is also the co-inventor of the Davis–Putnam algorithm and the DPLL algorithms and is known for his model of Post–Turing machines. Davis became one of the earliest computer programmers when he began programming on the ORDVAC computer at the University of Illinois in the early 1950s. His first book *Computability and Unsolvability* appeared in 1958 and has become a classic in theoretical computer science. Davis spent thirty years on the faculty at New York University where he helped found the computer science department. His popular book *Engines of Logic: Mathematicians and the Origin of the Computer* (2000) explores the history of computing from Leibniz to Turing.

Please contact Dr. Alexei Muravitsky, Professor of Mathematics, alexeim@nsula.edu, or Dr. Thomas Reynolds, Interim Director, reynoldst@nsula.edu, for further information.

Registration Link:
https://nsula.webex.com/mc3300/meetingcenter/mtgregister/registmeeting.do?siteurl=nsula&confID=182532313121308579&HasPassword=YES&BasicInfo=1&currentTime=1609785353633&ownerTimeZone=7&token=QUhTSwAAAAR%2B1UNAZgK55NQDGstCk69hVQjqQmWUYSt8TZRax1WqNOPyYGV6pOD1WtUHxs7TOO6vBZuCaxA1YabQiE%2FYRFea&backUrl=https://nsula.webex.com/webappng/sites/nsula/meeting/info/1e75c9a962314f718de2727ee2df301e