

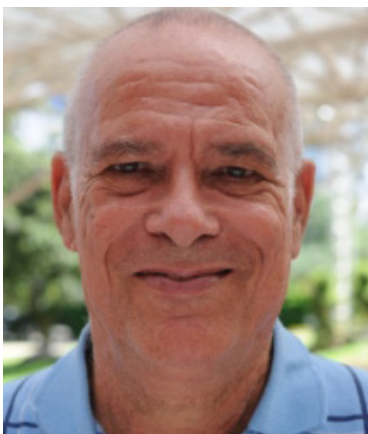
THE DEPARTMENT of PHYSICS & COMPUTER SCIENCE Presents

Usage of (Multiple) Code Invariant to Find the Symmetric $W(23, 16)$

featuring
Dr. Giora Dula

All are welcome
Free Event

MARCH 1, 2018 | Science Boardroom | 2:00 PM



DR. GIORA DULA

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*A. Goldberger, Tel-Aviv, Y. Strassler Danyishay and G. Dula
Netanya. ISRAEL.*

Hadamard and weighing matrices $W(n;w)$ have applications in communications, chemistry and quantum computation. Given two matrices $A;B$, they are Hadamard equivalent if B is obtained from A by permuting rows or columns or by multiplying rows or columns by -1 . Given $(n;w)$, the number of Hadamard equivalence classes of $W(n;w)$ is an open problem. In particular the question if this number is different than zero (existence) is an open question. Another open problem is given $(n;w)$ to find $W(n;w)$ which is (anti) symmetric.

For more information on the event, please contact:
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