X-Sieve: CMU Sieve 2.2
X-Spam-Checker-Version: SpamAssassin 3.2.5 (2008-06-10) on
iris1.fh-brandenburg.de
X-Spam-Level:
X-Spam-Status: No, score=-1.2 required=4.7 tests=AWL,BAYES_00,HTML_MESSAGE,
MIME_QP_LONG_LINE,SPF_PASS autolearn=no version=3.2.5
X-Virus-Scanned: amavisd-new at fh-brandenburg.de
Approved-By: acmbulletin@ACM.ORG
X-pstn-neptune: 0/0/0.00/0
X-pstn-levels: (S:96.66731/99.90000 CV:99.9000 FC:95.5390 LC:95.5390
R:95.9108 P:95.9108 M:97.0282 C:98.6951)
X-pstn-dkim: 0 skipped:not-enabled
X-pstn-settings: 1 (0.1500:0.1500) cv gt3 gt2 gt1
X-pstn-addresses: from <acmbulletin@ACM.ORG> [db-null]
X-pstn-neptune: 0/0/0.00/0
X-pstn-levels: (S:96.66731/99.90000 CV:99.9000 FC:95.5390 LC:95.5390
R:95.9108 P:95.9108 M:97.0282 C:98.6951)
X-pstn-dkim: 0 skipped:not-enabled
X-pstn-settings: 3 (1.0000:1.0000) s cv gt3 gt2 gt1 p
X-pstn-addresses: from <acmbulletin@ACM.ORG> [db-null]
Date: Thu, 15 Mar 2012 11:14:46 -0400
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ACM Bulletin

Association for Computing Machinery

Today's Topic: Judea Pearl Wins ACM A.M. Turing Award for Contributions to AI

Thursday, March 15, 2012

ACM has named Judea Pearl of the University of California, Los Angeles the winner of the 2011 ACM A.M. Turing Award for innovations that enabled remarkable advances in the partnership between humans and machines that is the foundation of Artificial Intelligence (AI). Pearl pioneered developments in probabilistic and causal reasoning and their application to a broad range of problems and challenges. He created a computational foundation for processing information under uncertainty, a core problem faced by intelligent systems. He also developed graphical methods and symbolic calculus that enable machines to reason about actions and observations, and to assess cause-effect relationships from empirical findings. His work serves as the standard method for handling uncertainty in computer systems, with applications ranging from medical diagnosis, homeland security and genetic counseling to natural language understanding and mapping gene expression data. His influence extends beyond artificial intelligence and even computer science, to human reasoning and the philosophy of science.

The ACM A.M. Turing Award, widely considered the "Nobel Prize in Computing," carries a $250,000 prize, with financial support provided by Intel Corporation and Google Inc. It is named for the British mathematician Alan M. Turing, whose 100th anniversary will be celebrated at the ACM 2012 Turing Centenary Celebration on June 15-16, immediately preceding the ACM Awards Banquet in San Francisco, CA.

Read more in the ACM press release.

ACM AWARDS

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