Professor José M. F. Moura of Carnegie Mellon University's Department of Electrical and Computer Engineering has won Pittsburgh Intellectual Property Law Association (PIPLA) 2015 Inventor of the Year Award.

Prof. Moura currently serves as associate department head of Research and Strategic Initiatives in the Department of Electrical and Computer Engineering at Carnegie Mellon.

Prof. Moura holds 11 U.S. patents ranging from image video processing to biomedical areas, several of which have been adopted by industry. A sequence detector from two of his patents (co-inventor Aleksandar Kavcic) has been placed in 2.4 billion disk drives and 60 percent of all computers sold worldwide in the last 10 years. Professor Moura cofounded SPIRALGen, a company to commercialize SPIRAL technology (an interdisciplinary technology in the areas of signal processing, scientific computing, compilers, computer architecture, machine learning, and mathematics) under license from Carnegie Mellon.

Prof. Moura is well known for his research and patent contributions in statistical signal and image processing. In addition to being an associate department head and a Philip L. and Marsha Dowd University Professor, Prof. Moura also directs the Carnegie Mellon Portugal Program.

Prof. Moura is working in the research area of Big Data and network science, with particular emphasis on distributed decision and inference in networked systems and graph based data. Current research projects include signal processing on graphs and

[Image of Professor José M. F. Moura]
analytics for Big Data, distributed detection in sensor networks, robust detection and imaging by time reversal, bioimaging, SPIRAL, DSP on Graphs, SMART, and image/video processing. Besides industrial funding, his work has been sponsored by several Darpa, NIH, ONR, ARO, AFOSR, and NSF grants, and several industrial grants.

Prof. Moura has been the principal investigator of several Darpa, NSF, ONR, and other Agencies grants, including the two multi University Darpa research grants (DESA, Discovery and Exploitation of Structure in Algorithms, started in May 2005, and OPAL, Optimized Portable Algorithm Libraries) and of an NSF-ITR (medium size) grant to develop SPIRAL.

Prof. Moura is a member of the US National Academy of Engineers, a corresponding member of the Portugal Academy of Science, an IEEE Fellow, and a Fellow of the AAAS. He holds a D. Sc. in Electrical Engineering and Computer Science, M.Sc., and EE degrees all from MIT and an EE degree from Instituto Superior Técnico (IST, Portugal).

Michelle L. Weaver of University of Pittsburgh School of Law and Robert J. Sovesky of Duquesne University School of Law have won Pittsburgh Intellectual Property Law Association (PIPLA) 2015 Intellectual Property Student Leadership Awards. Michelle Weaver has an undergraduate degree in Bioengineering and will graduate from law school in 2016. Robert Sovesky has an undergraduate degree in Chemical Engineering and will receive his law degree in May 2015. He is currently employed as an engineer and intellectual property coordinator by FLIR Systems Inc.
FROM THE NEWSLETTER COMMITTEE

We hope you’ve enjoyed this issue of the 2014/2015 PIPLA News, an informative and hopefully entertaining look at the goings on in IP law. We invite our entire readership to contribute to this endeavor with articles, announcements, and job postings of your own. If you have something you would like included in PIPLA News or have questions about how you can contribute, please contact Ying Cao at 412-394-9575 or at ycao@jonesday.com.

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