



Name of Faculty	Takis Kasparis
Current Employment	Cyprus University of Technology, Department of Electrical Engineering, Computer Engineering and Informatics
Past Employment	University of Central Florida, Orlando, USA
Education	Ph.D. in Electrical Engineering 1988, City University of New York
Research Interest	Digital Signal Processing
Selected funding	1) “Development of Autonomous Rainfall Drop Size Measuring Instrumentation” (PI: T. Kasparis), Funded by the Cyprus Research Promotion Foundation, International collaboration program. Amount: 80,000 Euros for December 2008-November 2010. Collaborative research project between UCF and University in Cyprus. UCF Portion: 24,000 Euros. Overall project coordinator: T. Kasparis. PI at UCF: L. Jones. Co-PI at UCF: T. Kasparis. 2) “Enhancing Student’s Engineering Thinking Through Mathematical Modelling” , (Co-PI, PI: N. Mousoulides). Funded by the Cyprus Research Promotion Foundation, Amount: 80,000 Euros. Overseas collaboration.
Selected publications	1. Michaelides, S., Lane, J., Kasparis, T. “Effect of vertical air motion on disdrometer derived Z-R coefficients” Atmosphere 10(2),77 Open Access, 2019 2. S Michaelides, T Kasparis, J. E. Lane, “Comparison of disdrometer derived and ECMWF wind velocity data at Athalassa, Cyprus” EGU 2016; Vienna; Austria, Apr. 2018 3. J. E. Lane, T Kasparis, S. Michaelides’ “Optical Extinction Measurements of Laser Side-Scatter During Tropical Storm Colin” EGU General Assembly, Vienna, Austria, April, 2017 4. Lane, J., Kasparis, T., Michaelides, S., Metzger, P. “A phenomenological relationship between vertical air motion and disdrometer derived A-b coefficients”, Atmospheric Research 208, pp. 94-105, 2018 5. Loizou, C.P., Kasparis, T., Lazarou, T., Pattichis, C.S., Pantziaris, M, “Manual and automated intima-media thickness and diameter measurements of the common carotid artery in patients with renal failure disease”, Computers in Biology and Medicine, 53, pp. 220-229, 2014 6. J. Lane, T. Kasparis, T. Metzger, L. Jones, “In situ disdrometer calibration using multiple DSD moments”, Acta Geophysica, 62 (6), pp. 1450-1477. 2014 7. C.P. Loizou, T. Kasparis, T. Lazarou, C.S. Pattichis, M. Pantziaris, “Manual and automated intima-media thickness and diameter measurements of the common carotid artery in



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	patients with renal failure disease,” <i>Comput. Biol. & Medicine</i> , vol. 53, pp. 220-229, 2014.
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