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### Cursuri predate

[Comunicații optice](#)

[Dispozitive și circuite de microunde](#)

[Tehnici avansate de proiectare a sistemelor de radiocomunicații](#)

[Circuite integrate monolitice de microunde](#)

### Domenii de interes

Microunde, electromagnetism

Comunicații optice

Nanoelectronică

### Publicații selectate

- [1] R. Ciobanu, R. Damianou, Casian Botez, "Electromagnetic Characterization of a Microstrip Patch Antenna", *IEEE Transactions on Antennas and Propagation*, vol. 57, no. 12, pp. 3441-3448, Dec. 2009.
- [2] Popa, C., Vizureanu, M., Casian Botez, I., et al. "Experimental Results on the Charge Transfer in a Microstrip Patch Antenna", *IEEE Transactions on Antennas and Propagation*, vol. 57, no. 12, pp. 3449-3456, Dec. 2009.
- [3] Niculescu, O., Nica, M., Casian Botez, I., Forna, N., "Experimental Investigations of the Radiation Pattern of a Microstrip Patch Antenna", *IEEE Transactions on Antennas and Propagation*, vol. 57, no. 12, pp. 3457-3464, Dec. 2009.
- [4] Agop, M., Forna, N., Casian Botez, I., "Theoretical and Experimental Analysis of the Physical Properties of a Microstrip Patch Antenna", *IEEE Transactions on Antennas and Propagation*, vol. 57, no. 12, pp. 3465-3472, Dec. 2009.
- [5] Rusu I., Casian-Botez I., "The Limitation of the Propagation of the Surface Wave on a Microstrip Patch Antenna", *IEEE Transactions on Antennas and Propagation*, vol. 57, no. 12, pp. 3473-3480, Dec. 2009.

### Alte activități

Membru IEEE (MTT, AP, ED, NANO)

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