

## Assist. dr. ing. Calin Muresan

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## Teza de doctorat

**C. Muresan**, MODALITĂȚI DE ANALIZĂ A PUTERII ELECTRICE ÎN SISTEME POLIFAZATE DE TENSIUNI ȘI CURENȚI. IMPLEMENTĂRI DE ALGORITMI ÎN LABVIEW”

27 februarie 2013

Universitatea Tehnică din Cluj Napoca.

## Proiecte Institutionale si de Cercetare

- Bursă doctorală în cadru programului “Studii doctorale în științe ingineresti în scopul dezvoltării societății bazate pe cunoaștere – SIDOC” cod contract POSDRU/88/1.5/S/60078 (2009-2013)

- Membru in proiectul “Școală de vară pentru creșterea accesului la învățământ terțiar în domeniul electric prin motivarea elevilor de liceu aflați în situații de risc – ELECTROSUMMER”, cod proiect I/PV/07
- Membru în proiect (561894-EPP- 1-2015- 1-DE- EPPKA2-CBHE- JP): Advancing University Education in Biomedical Engineering and Health Management in Kyrgyzstan-KyrMedu

## **LUCRĂRI DE LABORATOR REDACTATE ȘI REALIZATE PRACTIC**

Disciplina Achizitiei de Date si prelucrari de Semnal:

- 1 Porturi de intrare iesire al microcontrolerelor AVR
- 2 Utilizarea Convertorului Numeric Analogic MCP4725 pentru aplicații: sursa de tensiune programabilă, generator de semnal de formă arbitrară
- 3 Converteoare analog-numerice cu numărare, urmărire și aproximări succesive cu logică realizată cu ajutorul microcontrolerelor AVR