



**TEMATICĂ PENTRU ADMITEREA LA STUDII
UNIVERSITARE DE DOCTORAT**

SDSI – Domeniul INGINERIE ELECTRICĂ

Prof. univ. dr. ing. ANDREI Horia Leonard

Tema 1. Contributii privind determinarea parametrilor si cresterea performantelor circuitelor audio de putere.

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Tema 2. Contributii experimentale la analiza si modelarea integrarii structurilor Smart-Home in retelele Smart-Grid.

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Tema 3. Sistem inteligent pentru achiziții de date și managementul energiei electrice în clădiri.

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**TEMATICĂ PENTRU ADMITEREA LA STUDII
UNIVERSITARE DE DOCTORAT
SDSI – Domeniul INGINERIE ELECTRICĂ
Prof. univ. dr. ing. COLȚUC Dinu**

A. PROPUNERI:

1. Contribuții la dezvoltarea metodelor de îmbunătățire reversibilă de contrast
2. Contribuții la dezvoltarea metodelor de îmbunătățire reversibilă de contururi

B. BIBLIOGRAFIE:

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**TEMATICĂ PENTRU ADMITEREA LA STUDII
UNIVERSITARE DE DOCTORAT
SDSI – Domeniul INGINERIE ELECTRICĂ**

Prof. univ. habil. dr. ing. STAN Mihail-Florin

TEMA 1. Optimizarea consumului de energie electrică în uzinele de vehicule prin colectarea și analiza datelor cu caracter digital. Robotizarea procesului de transfer de piese pentru creșterea productivității în domeniul auto.

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TEMA 2. Elemente de eficiență energetică la încălzirea electrică a spațiilor destinate activităților umane: CONVECTORUL ELECTRIC MOTOR.

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