

Profilul științific și interesele/ temele de cercetare ale conducătorului de doctorat

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- Electronica,
- Telecomunicatii,
- Tehnologii informationale,
- Prelucrarea biosemnalelor umane,
- Modelarea si simularea biostructurilor,
- Efectele campului electromagnetic asupra tesuturilor umane

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ARIA TEMATICA

pentru colocviul de admitere la doctorat in domeniul

Inginerie electronică, telecomunicații și tehnologii informaționale

Prof.univ.dr.ing. Gheorghe GAVRILOAIA

1. Prelucrarea statistica a biosemnalelor
2. Retele neuronale neuromorfe si inteligenta artificiala
3. Recunoasterea formelor prin biorezonanta
4. Structuri fractalice si de predictie in IoT
5. Efectele campului electromagnetic asupra tesuturilor umane

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