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| Lista temelor pentru lucrările de disertaţie IS-EN |
| Anul universitar: 2024-2025 |

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| Nr. crt. | Temă proiect de disertatie: | Programul de studii | Departament | Cadru didactic îndurmător |
| 1 | Influence of P100-2025 regulations on highrise RC structures | IS-EN | DCBA | Dietlinde Köber |
| 2 | Influence of P100-2025 regulations on RC frame structures | IS-EN | DCBA | Dietlinde Köber |
| 3 | Seismic vulnerability of a pre-1977 RC structure | IS-EN | DCBA | Florin Pavel |
| 4 | Influence of SSI on the seismic response of flexible low-rise RC structures | IS-EN | DCBA | Florin Pavel |
| 5 | Comparative study between the punching strength provisions for members without transverse reinforcement of the EN 1992-1-1:2004 and EN 1992-1-1:2024 | IS-EN | DCBA | Alexandru Trandafir |
| 6 | Applicability of the EN 1992-1-1:2024 approach for shear strengthening ofexisting concrete structures with carbon fibre-reinforced concrete (FRP) | IS-EN | DCBA | Alexandru Trandafir |
| 7 | Comparative study between the provisions of the ACI 440.1R-15, CSAS806-12, and EN 1992-1-1:2024 for concrete members with embedded FRP reinforcement | IS-EN | DCBA | Alexandru Trandafir |
| 8 | Behaviour and modelling of continuous concrete deep beams reinforced withinternal glass FRP bars | IS-EN | DCBA | Alexandru Trandafir |
| 9 | Behaviour and modelling of lightweight aggregate concrete deep beams | IS-EN | DCBA | Alexandru Trandafir |
| 10 | Research study on silos | IS-EN | DCMMGI | Șef lucr. dr. ing. Dragos Voiculescu |
| 11 | Research on optimization of round steel silo roof | IS-EN | DCMMGI | Șef lucr. dr. ing. Dragos Voiculescu |
| 12 | Research on thermal ratcheting for round steel silos | IS-EN | DCMMGI | Șef lucr. dr. ing. Dragos Voiculescu |
| 13 | Research on optimization of round steel silo skirt | IS-EN | DCMMGI | Șef lucr. dr. ing. Dragos Voiculescu |
| 14 | Consideration of second order effects in structural analyses in the future versionof Pr EN 1993-1-1 | IS-EN | DCMMGI | Conf. lucr. dr. ing. Bogdan Cătălin Ștefănescu |
| 15 | Nonlinear Dynamics: An ELS approach towards the significance of the Park & AngDamage Index | IS-EN | DMS | Șef lucr. dr. ing. George-Bogdan Nica |
| 16 | Interference effect on wind-induced response on clusters of buildings | IS-EN | DMS | Conf.dr.ing. Mihail Iancovici |
| 17 | Wind-induced performance evaluation of buildings according to ASCEPrestandard provisions | IS-EN | DMS | Conf.dr.ing. Mihail Iancovici |
| 18 | Seismic performance evaluation of base isolated building structures | IS-EN | DMS | Conf.dr.ing. Mihail Iancovici |
| 19 | Seismic- and wind-induced loss estimation for building structures | IS-EN | DMS | Conf.dr.ing. Mihail Iancovici |
| 20 | AI-based seismic-induced damage evaluation of structures | IS-EN | DMS | Conf.dr.ing. Mihail Iancovici |
| 21 | Wind hazard curves for Bucharest | IS-EN | DMS | Conf.dr.ing. Mihail Iancovici |
| 22 | Seismic risk- targeted input ground motions | IS-EN | DMS | Conf.dr.ing. Mihail Iancovici |
| 23 | Numerical data calibration from wind tunnel measurements on buildings | IS-EN | DMS | Conf.dr.ing. Mihail Iancovici |

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| 24 | Seismic strengthening of old masonry buildings using reinforced NHL mortars | IS-EN | DCCIUT | s.l.dr.ing.Mircea Barnaure |
| 25 | Feasibility study of using rubber bearings for isolated buildings in Buzau | IS-EN | DCCIUT | S.l.dr.ing. Andreea Casuta |
| 26 | Feasibility study of using rubber bearings for isolated buildings in Iasi | IS-EN | DCCIUT | S.l.dr.ing. Andreea Casuta |
| 27 | Strengthening solution for a RC frame building using rotational friction dampers | IS-EN | DCCIUT | S.l.dr.ing. Andreea Casuta |
| 28 | Evaluation of the load-bearing capacity of column specimens composed of cold-formed steel cross-members | IS-EN | DCMMGI | Conf. lucr. dr. ing. Bogdan Cătălin Ștefănescu |
| 29 | Influence of P100-2025 regulations on the design of masonry structures | IS-EN | DCCIUT | s.l.dr.ing.Mircea Barnaure |