

Faculty Research Interests

BIDATERIALS ENGINEERING



DIEGO ALVARENGA BOTREL
Food Science and Engineering
Encapsulation; bioactive food components; controlled release of substances.
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GIOVANNI FRANCISCO RABELO
Bio-systems Engineering
Bioprocesses; Sensors for agriculture; Electricity; Bio-energy; Materials engineering.
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Materials Science and Engineering
Wood-based panels; Particleboards; Natural adhesives; Wood processing; Lignocellulose fibers; Composites.
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Materials Science and Engineering
Materials characterization; Nanotechnology; Composites.
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MARIA ALICE MARTINS
Polymers and Materials Science
Elastomers; Polymers and applications; Polymer processing; Nanotechnology; Materials for agrobusiness.
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Electronics of paper; Electronic processing; Materials characterization; Nanotechnology; Composites.
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GUSTAVO HENRIQUE DENZIN TONOLI
Wood Science and Technology
Cellulose-based materials, Cellulose nanofibers; Nanotechnology; Pulp and paper; Renewable polymers; Packaging materials; Composites.
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JOSÉ MANOEL MARCONCINI
Polymers Processing
Composites; Blends; Nanotechnology; Polymer processing; Thermodynamics.
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LOURIVAL MARIN MENDES
Wood Science and Technology Lignocellulosic fibers; Cellulose nanofibers; Natural adhesives; Lignocellulosic panels; Particleboards; Composites.
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RAFAEL FARINASSI MENDES
Materials Engineering
Wood-based panels; Particleboards; Construction materials; Nanotechnology; Composites; Fiber-cement.
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Wood-based products, Natural adhesives; Natural fibers; Vegetable tannins and applications; Particleboards.
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Biomaterials; Nanotechnology; Polymers and applications; Renewable polymers; Electrospinning; Blow-spinning.
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Forest Science
Forest management; Forest Products; Politics for forest management.
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