

GATE Scientific meeting 2024

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Visits

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Welcome

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GATE 10 status

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Novel features in GATE 10

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From geometries, advanced beam sources to multi-dimensional actors: Current developments employing the new OpenGATE at the Medical University of Vienna

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Development of LINAC-Specific Variance Reduction Methods for GATE10 Simulation Software

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Chemistry actor in GATE 10

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GATE 10 BioDose actor

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Gate activities @ LaTIM

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GATE activities @ DeSIs-IPHC Strasbourg

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Gate activites @ BioMaps

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GATE applications at the MedAustron Ion Therapy Center

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Status of the positron range study in GATE

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GATE Activities @ University of California, Davis

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Simulation of a neuroimaging experiment with MAPSSIC, a β^+ sensitive intracerebral microprobe

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Towards multi-photon imaging

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ClearMind total body PET simulations with GATE

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Implementation and validation of an angular source for X-ray imaging in GATE 10

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