

Selected publications
of Mariyan Bogomilov

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3. Alekou A., ..., Bogomilov M., et al., **Updated physics performance of the ESSnuSB experiment**, European Physical Journal C, vol:81, issue:12, 2021
4. Wildner E., ..., Bogomilov M., et al., **The Opportunity Offered by the ESSnuSB Project to Exploit the Larger Leptonic CP Violation Signal at the Second Oscillation Maximum and the Requirements of This Project on the ESS Accelerator Complex**, Advances In High Energy Physics, 2016
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9. M. Bogomilov, et al., **Neutrino factory near detector**, Phys. Rev. Special Topics – Accelerators and Beams, vol:16, 2013
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17. Cederkall J., ..., Bogomilov M., et al., **The ESSvSB project**, Proceedings of Science EPS-HEP2019, 392, 2020
18. Blondel A., Bogomilov M., et al., **The SuperFGD Prototype charged particle beam tests**, Journal of Instrumentation, vol:15, issue:12, 2020
19. Antonova M., ..., Bogomilov M., et al., **Baby MIND: A Magnetized Segmented Neutrino Detector for the WAGASCI Experiment**, Journal of Instrumentation, vol:12, 2017
20. Asfandiyarov, R, ..., Bogomilov M., et al, **MAUS: The MICE analysis user software**, Journal of Instrumentation, vol:14, issue:4, 2019