

Investigation of neutrino properties with
the low-background germanium spectrometer GEMMA-III

GEMMA-III

CODE OF THEME 03-2-1100-2010/2018

V.V.Belov, V.B.Brudanin, V.G.Egorov, M.V.Fomina, A.V.Lubashevskiy, D.V.Medvedev,
D.V.Ponomarev, V.G.Sandukovsky M.V.Shirchenko, S.V.Rozov, I.E.Rozova, I.V.Zhitnikov,
E.A.Yakushev, D.R.Zinatulina

Laboratory of Nuclear Problems, JINR

NAMES OF PROJECT LEADERS: V.B.Brudanin

NAME OF PROJECT DEPUTY LEADERS: A.V.Lubashevskiy, E.A.Yakushev

DATE OF SUBMISSION OF PROPOSAL OF PROJECT TO SOD _____

DATE OF THE LABORATORY STC _____ DOCUMENT NUMBER _____

STARTING DATE OF PROJECT January 2019 (FOR EXTENSION OF
PROJECT — DATE OF ITS FIRST APPROVAL) 07.02.2014

PROJECT ENDORSEMENT LIST

Investigation of neutrino properties with
the low-background germanium spectrometer GEMMA-III

GEMMA-III

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NAME OF PROJECT LEADER: Viktor Brudanin

APPROVED BY JINR DIRECTOR		
	SIGNATURE	DATE
ENDORSED BY		
JINR VICE-DIRECTOR		
CHIEF SCIENTIFIC SECRETARY		
CHIEF ENGINEER		
HEAD OF SCIENCE ORGANIZATION DEPARTMENT		
LABORATORY DIRECTOR		
LABORATORY CHIEF ENGINEER		
PROJECT LEADER		
PROJECT DEPUTY LEADERS		
ENDORSED		
RESPECTIVE PAC		

Schedule proposal and resources required for the implementation of the Project

GEMMA-III

List of parts and devices; Resources; Financial sources		Cost of parts (K US\$), resources needs	Allocation of resources and money			
			1 st year	2 nd year	3 rd year	
Main parts and equipment	1. Cryogenic equipment for the detectors.	35	35			
	2. Materials and equipment for calibration and shielding.	30	15	10	5	
	3. Electronics NIM	50	40	10		
	4. Electronics VME	55	35	20		
	Total	170	125	40	5	
Resources	Norm-hours	DLNP workshop	600	200	200	200
Financial sources	JINR budget	Budget spending	170	125	40	5
	Off-budget sources	Grants; Other sources (these funds are not currently guaranteed)	45	20	15	10

PROJECT LEADER

V.Brudanin

Estimated expenditures for the Project GEMMA-III, Investigations of neutrino properties with the low-background germanium spectrometer GEMMA-III

#	Designation for outlays	Total cost	1 year	2 year	3 year
Direct expenses for the project					
1.	Networking	6.0K US\$	2.0	2.0	2.0
2.	DLNP workshop	600 norm-hours	200	200	200
3.	Materials	30.0K US\$	15.0	10.0	5.0
4.	Equipment	140.0K US\$	110.0	30.0	0.0
5.	Expenses for R&D on a contract base	6.0K US\$	2.0	2.0	2.0
6.	Travel expenses, including	60.0K US\$	20.0	20.0	20.0
	a) to nonrouble zone countries		5.0	5	
	b) to cities of rouble zone countries		15.0	15.0	20.0
Total		242.0K US\$	149.0KUS\$	64.0KUS\$	29.0K US\$

PROJECT LEADER

LABORATORY DIRECTOR

LABORATORY CHIEF ENGINEER-ECONOMIST