



**Czech Academy  
of Sciences**

# **Report of the I. phase of the Evaluation of the research and professional activity of research-oriented institutes of the Czech Academy of Sciences for the period 2015-2019**

**FIELD: PHYSICAL SCIENCES**

**INSTITUTE: Nuclear Physics Institute of the CAS, v. v. i.**

**TEAM: Dosimetry of Ionizing Radiation**

## Profiles for teams

FIELD: PHYSICAL SCIENCES

INSTITUTE: Nuclear Physics Institute of the CAS, v. v. i.

TEAM: Dosimetry of Ionizing Radiation

EVALUATED OUTPUTS: 24 FC= 6,97  $N_{rp}$ = 6

HEAD: Ing. Marie Davidková, CSc.

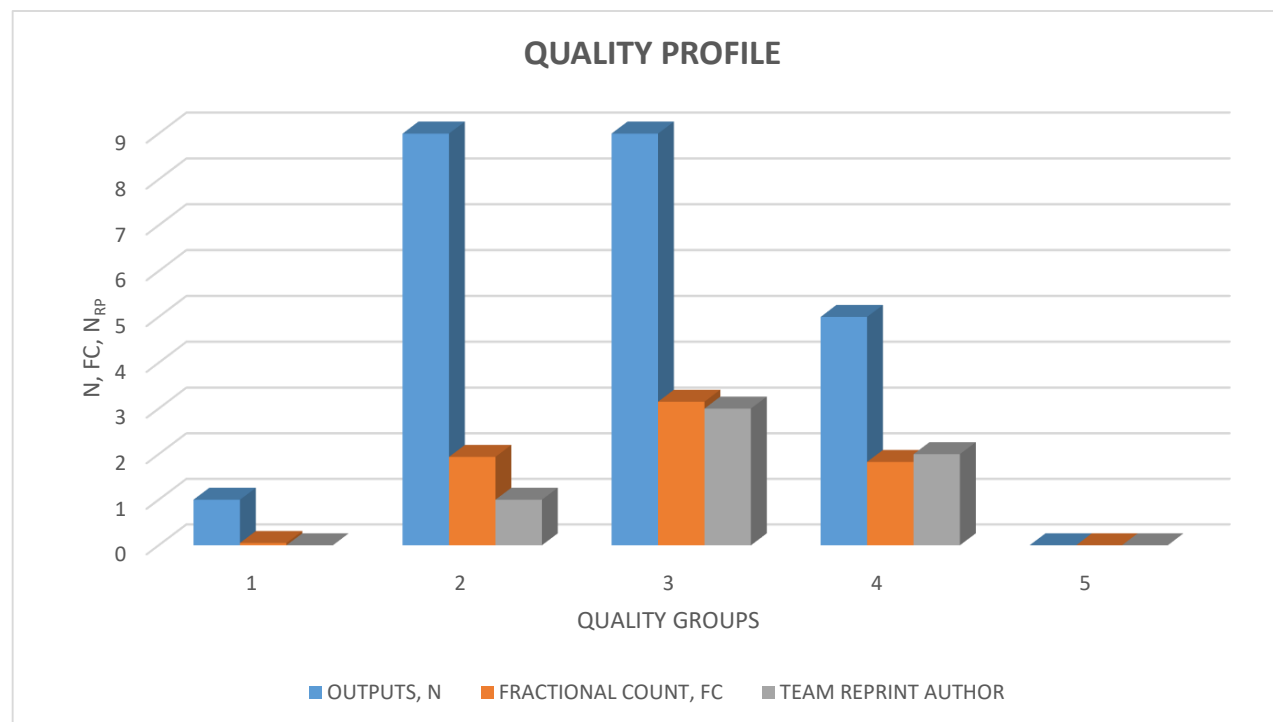
### QUALITY GROUPS OF OUTPUTS

QUALITY	1	2	3	4	5
OUTPUTS, N	1	9	9	5	0
FRACTIONAL COUNT, FC	0,05	1,94	3,15	1,83	0
TEAM REPRINT AUTHOR, $N_{rp}$	0	1	3	2	0

Average rating of team: 2,75

FC is the fractional count calculated in a similar way as in Nature Index ( $FC=a/b$ , where a is the number of authors of the team and b is the total number of authors),  $FC_{1,2}$  is fractional count for grading levels 1 and 2.  $N_{rp}$  is the number of outputs with reprint author from the team,  $N_{rp,1,2}$  is the number of outputs with own reprint author for grading levels 1 and 2.

Number of outputs (N) will be alternatively shown with fractional count, FC, where possible. This information is important for those fields of science where affiliation of reprint autor does not represent relevant information.



## Types of collaboration and subfields of teams

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**TEAM: Dosimetry of Ionizing Radiation**

Quality Levels and Types of Collaboration					
Type of Collaboration	1	2	3	4	5
A1			1		
B		1			
B1				1	
C		3	3	1	
C1		1	1	1	
D	1	4	2	2	
D1			1		
E					
n.a.			1		
Without affiliation					
A1+B1+C1+D1		1	3	2	
B+C+D	1	8	5	3	

Quality Levels and Subfields Structure of Outputs					
Field of Structure of Outputs	1	2	3	4	5
Astronomy Astrophysics		1	1	1	
Biology		1	1	1	
Biophysics		1	1	1	
Engineering Biomedical			1		
Environmental Sciences			3	1	
Geochemistry Geophysics		1	1	1	
Chemistry Multidisciplinary		1			
Chemistry Physical		1	1		
Instruments Instrumentation		1			
Materials Science Multidisciplinary		1			
Meteorology Atmospheric Sciences		1	2	1	
Multidisciplinary Sciences				1	
n.a.			1		
Nanoscience Nanotechnology		1			
Nuclear Science Technology		3	3	2	
Oncology		2			
Physics Applied		1			
Physics Atomic Molecular Chemical		1	1		
Physics Fluids Plasmas			1		
Physics Mathematical			1		
Physics Nuclear		1			
Physics Particles Fields		1			
Public Environmental Occupational Health			2		
Radiology Nuclear Medicine Medical Imaging	1	3	4	1	