

JOINT INSTITUTE FOR NUCLEAR RESEARCH

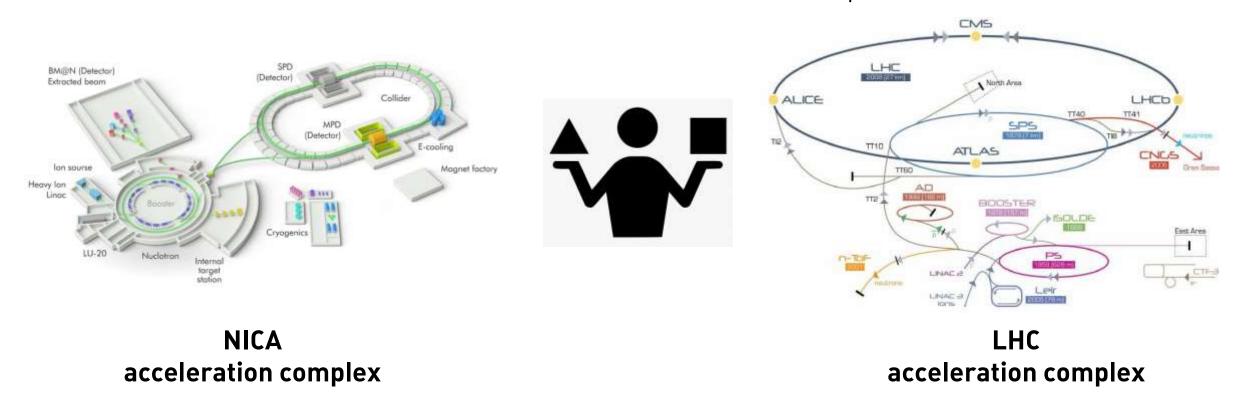




## 1-st group task

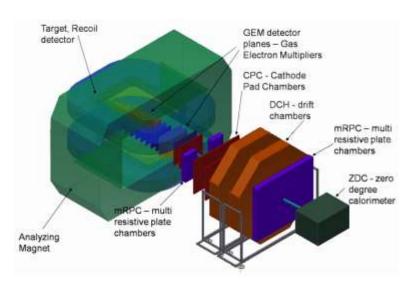


## A comparative of **work environment** and **work organization** at the LHC and the NICA acceleration complexes



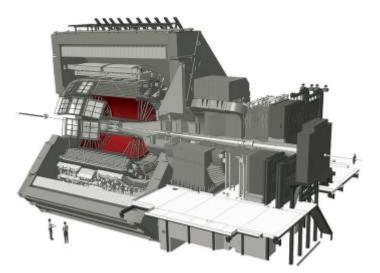


## A comparative of **Detector Control Systems (DCS)** of the BM@N at JINR and the ALICE at CERN experiments



BM@N Experimental facility





ALICE Experimental facility







worldwide experience



research publications

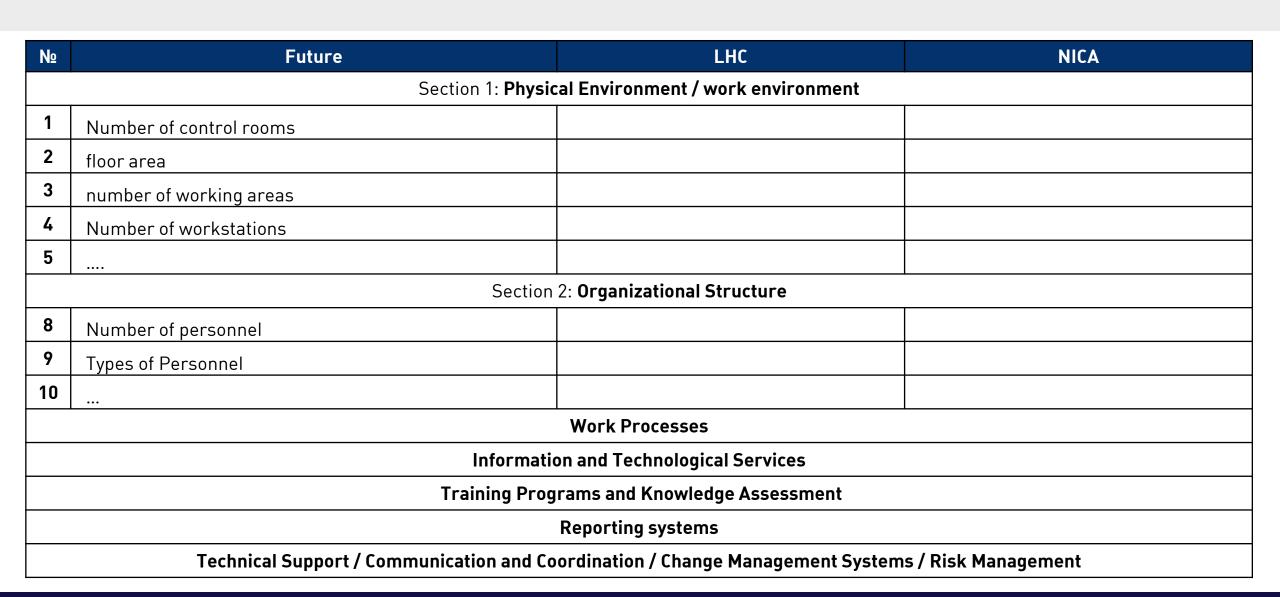


international standards



industry standards





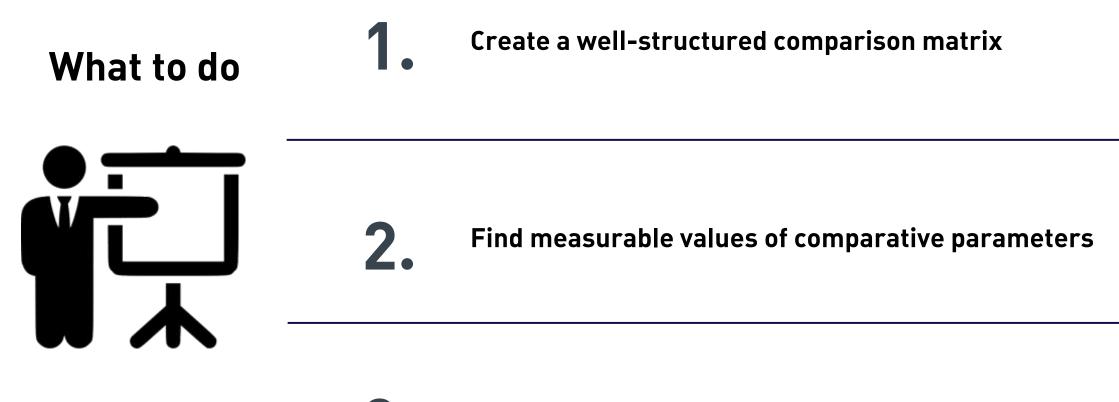


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N⁰	Future	ALICE	BM@N
Section 1: Deployment Characteristics / Architecture / Topology / Layout			
1	number of subsystems		
2	number of detectors		
3	Number of internal services		
4	Number of external services		
5			
Section 2: Hardware			
8	Number of front-end electronic		
9	number of the PLC's		
10	number of crates		
Section 3: Software			
Logical algorithms / automation functions			
HMI GUI			
Organization			

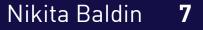








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