

# ***Modification of Moore's Law: annual doubling of a number of Russian participants in ICT projects***

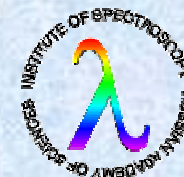
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**Institute of Spectroscopy RAS**



**more Moore**  
IST-1-507754-IP  
*Exploring new limits to  
Moore's law*

International Conference  
EU-Russia Cooperation:  
Priorities for science & Technology 2007-2013  
Thursday, 22 February 2007



- How to get in...
- What are the rules “inside”
- Types of problems Russian participant in EU projects may expect
- Differences in Russian and “Western” management approaches
- Level of flexibility inside EU-project



*On a basis of experience of participation in IST-1-507754-IP*

**How to get in... :  
three advices.**





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three advices.**



**Approach I:**

**Active frog in a milk tank.**

**Be active to create a foundation of your success –**

- **research level**
- **scientific name**
- **world-wide contacts**



**How to get in... :**  
**three advices.**



**Approach II:**

**Hunting crocodile**

**Be quiet and watch –**

**Don't be hectic and  
don't miss your  
chance**

**How to get in... :  
three advices.**



**EU Project**

**Something is still  
needed**



**How to get in... :**  
**three advices.**



**Approach III:**

**JUST SOME LUCK !**

**Problems may arise from underestimating of the importance of proper and **on time** written reports**



**Russia**



**+**

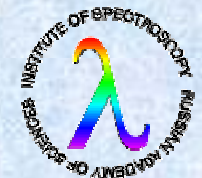


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# Financial management

- **Attentively read all rules and instructions**
- **Be cautious with equipment purchase (may be not covered if purchased late)**
- **Keep track on spending**

**One serious problem: How to be with the equipment which**

- \* **was purchased only for a given project activity**
- \* **can not be used later in the group or**
- \* **is being destroyed during experiments (e.g. used in diagnostics of explosions)**

# Flexibility inside EU-project

**While initial tasks are well and precisely defined the project consortium may introduce essential changes during the project (must be approved by EU authorities)**



# Flexibility inside EU-project

**EXAMPLE: changes in “ISAN” MoreMoore team: 2004**

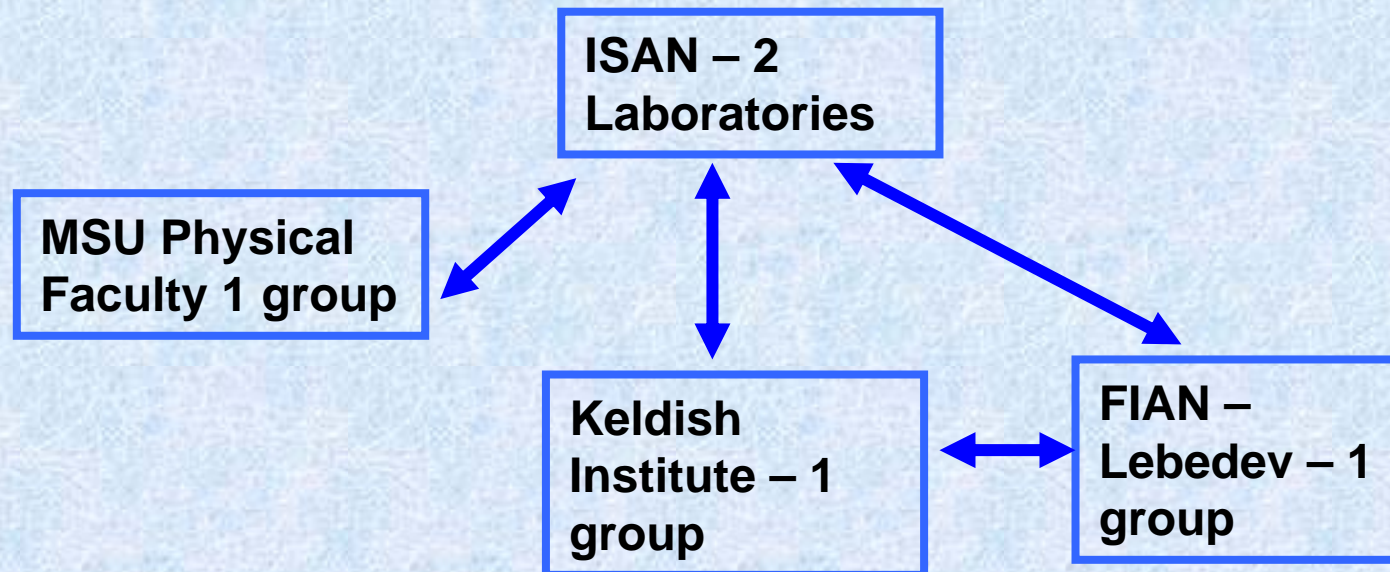
ISAN – 2  
Laboratories



Keldish  
Institute – 1  
group

# Flexibility inside EU-project

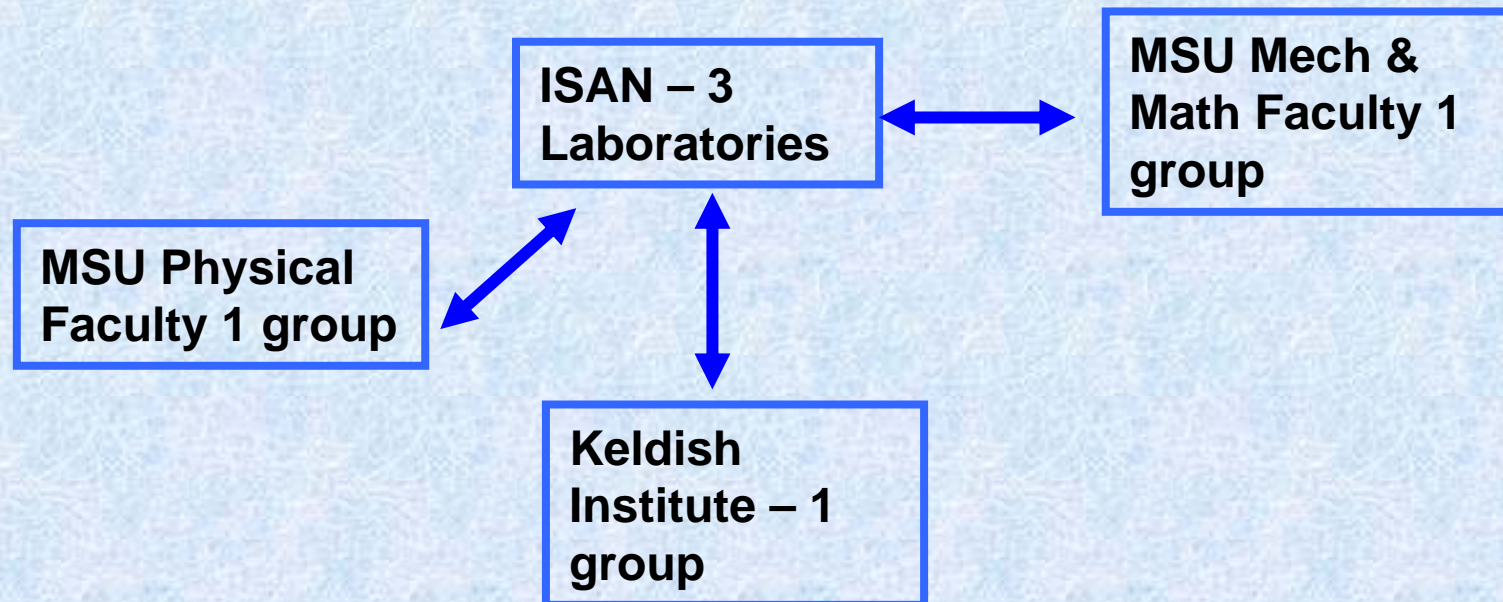
**EXAMPLE: changes in “ISAN” MoreMoore team: 2005**





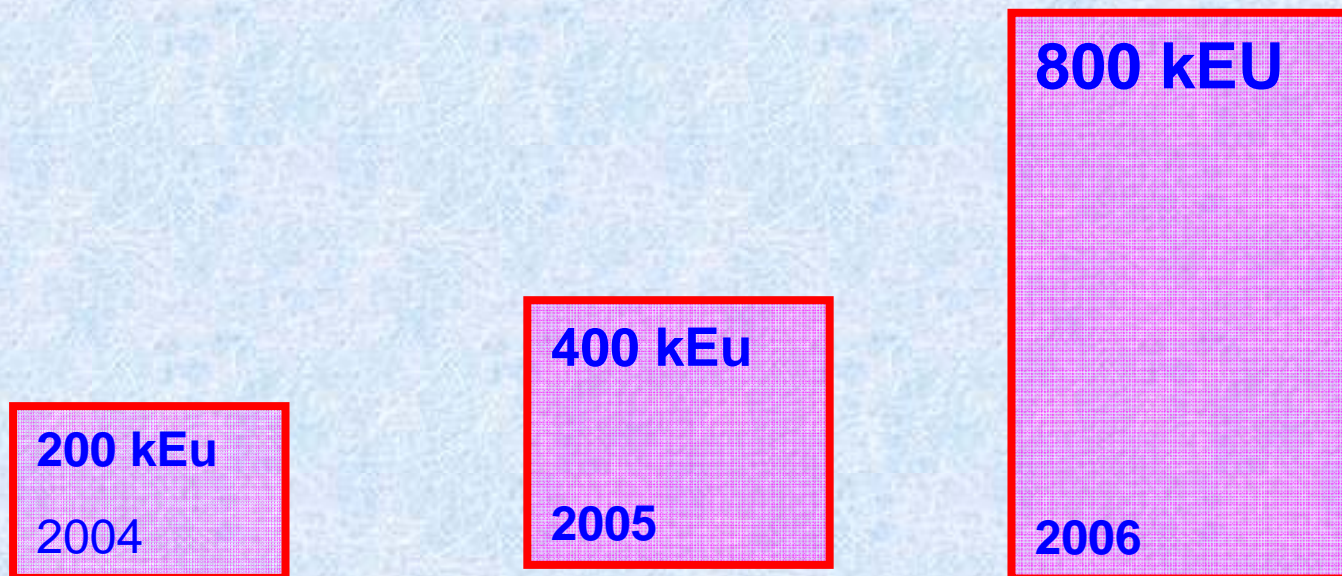
# Flexibility inside EU-project

**EXAMPLE: changes in “ISAN” MoreMoore team: 2006**



# Flexibility inside EU-project

Experimental confirmation of the modified Moor's law !  
*annual doubling of a number of Russian participants in ICT projects*





# Good luck !



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