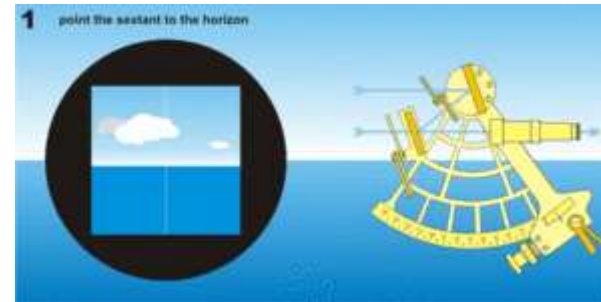


# TEMPUS Project „SEXTANT”

Marek Frankowicz

Jagiellonian University in Krakow, Poland

# What is SEXTANT?



A **sextant** is an instrument used to measure the angle between any two visible objects. Its primary use is to determine the angle between a celestial object and the horizon which is known as the *altitude*. Making this measurement is known as *sighting* the object, *shooting* the object, or *taking a sight* and it is an essential part of celestial navigation. The angle, and the time when it was measured, can be used to calculate a position line on a nautical or aeronautical chart. A common use of the sextant is to sight the sun at solar noon and to measure the elevation(altitude) angle or at night to measure the elevation angle from the horizon plane to polaris to find one's latitude.

# **SEXTANT Project: TEMPUS UM\_JEP\_27184-2006 (RU )**

**SEXTANT = Student EXchanges and Credit Transfer Assisted by  
New Information Technologies**

**The objectives of this SEXTANT project:**

- Introduction of new IT tools to support students exchanges and networking at selected Russian Higher Education (HE) institutions
- Implementation of ECTS for selected study areas
- Creation of Quality Assurance (QA) mechanisms to facilitate student exchanges and improve student management services at partner institutions

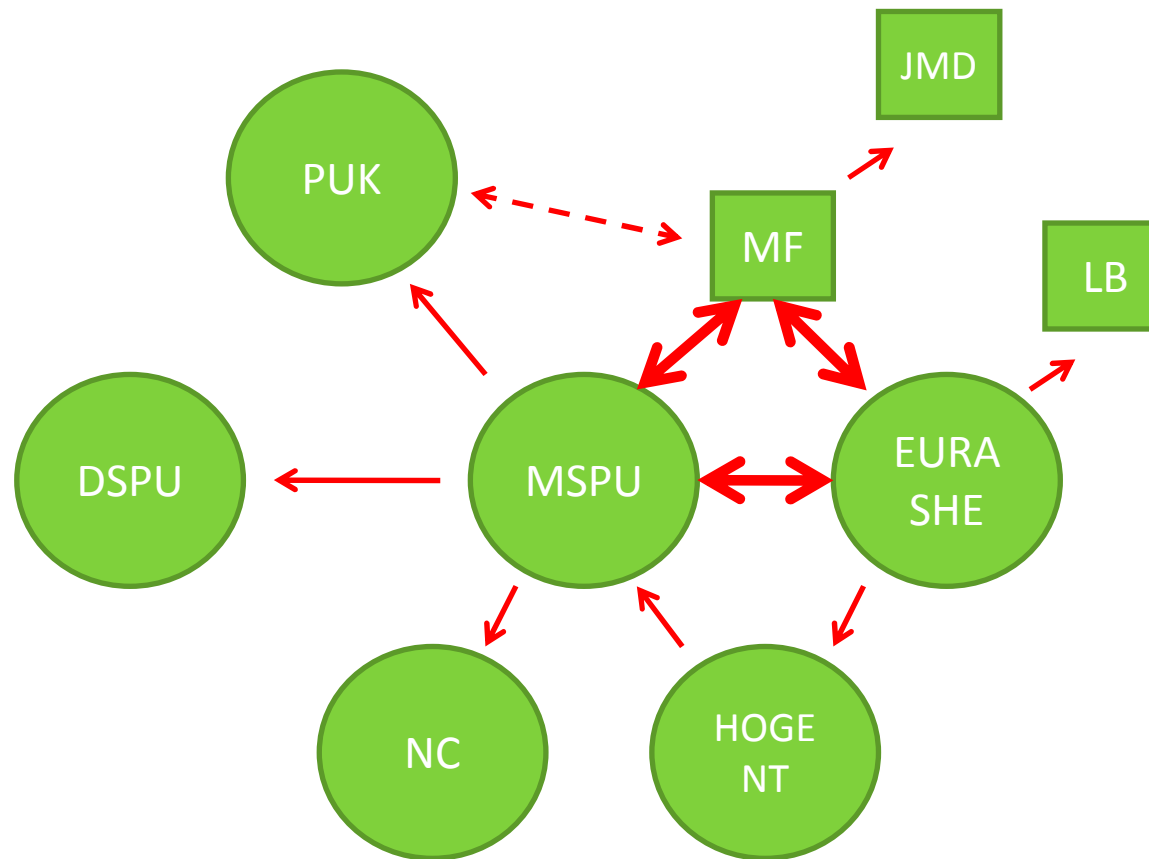
### **SEXTANT Partners:**

- **Moscow State Pedagogical University, RU (MSPU) - coordinator**
- **Dagestan State Pedagogical University, RU (DSPU)**
- **University College Gent, BE (HOGENT) – grant applicant**
- **Newman College, UK (NC)**
- **Pedagogical University of Krakow, PL (PUK)**
- **EURASHE, BE**

### **Individual Experts:**

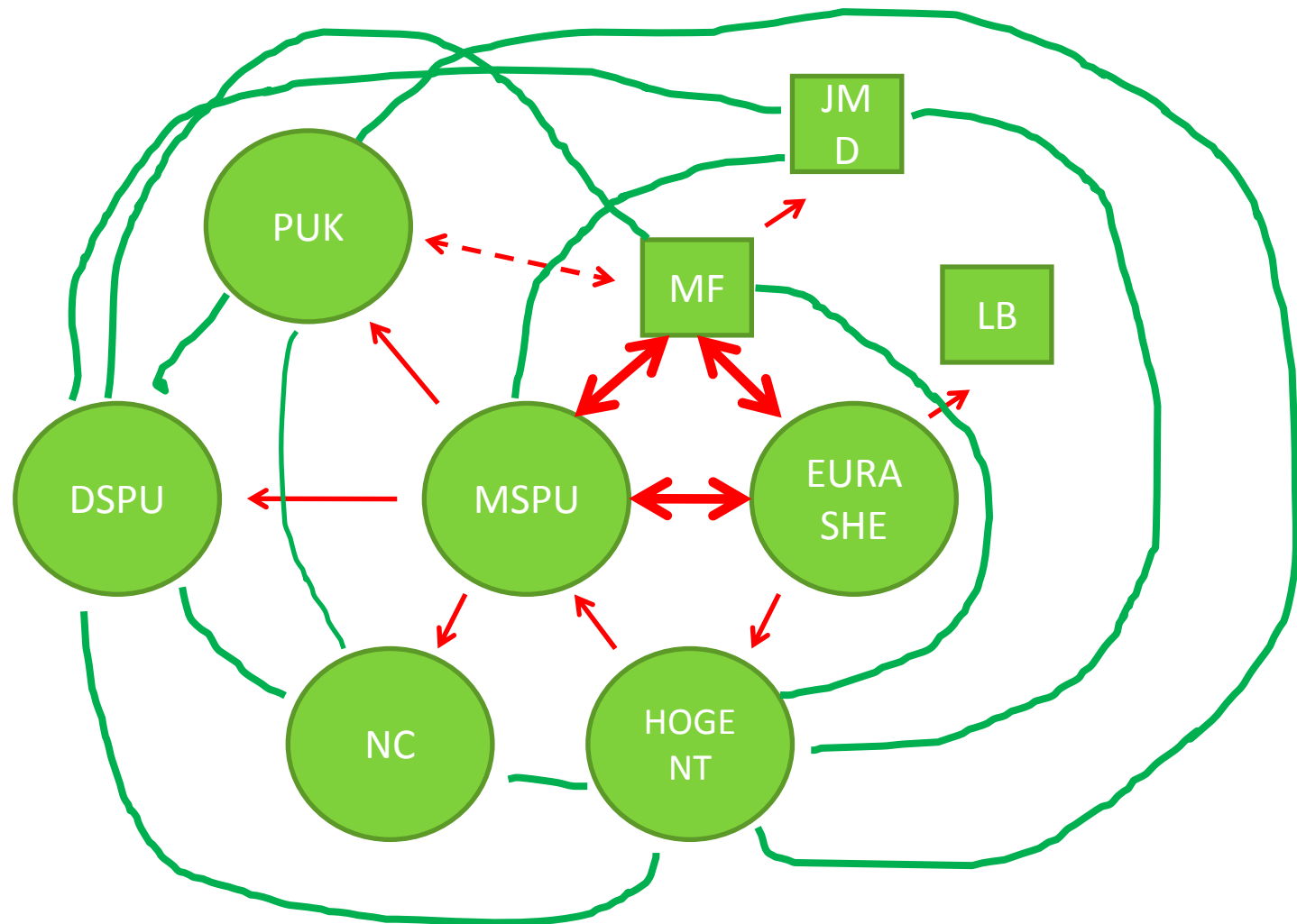
- **Lucien Bollaerts, Bologna Expert, BE (LB)**
- **Marek Frankowicz, Bologna Expert, PL (MF)**
- **Janina Mincer-Daszkiewicz, General Manager of USOS, Polish electronic University Study Oriented System**

Links among partners at the beginning of the project.  
Triangle MSPU – MF – EURASHE,  
weakly coupled to other partners and experts



Links among partners at the end of the project.

Green lines – new strong links created during the project



# SEXTANT Outcomes:

- A (developed) MSPU and DSPU policy on implementation of ECTS in accordance with the European guide book
- e-database on student mobility and e-Student Mobility Support System (e-SMOSS)
- MSPU and DSPU administrative staff trained in management of student mobility
- Best practices for adaptation of existing international courses and study records towards ECTS formats and structures
- Upgrade of English language skills as foreign language for Russian academic and administrative staff
- e-ECTS catalogue of courses taught in English

# **SEXTANT web sites:**

<http://www.ects.su/>

<http://edujep.ru/>

# SEXTANT visit to Dagestan



# SEXTANT Follow-up

*Non omnis moriar...*

## Connections to new projects:

- POL-EDDA
- TEACAMP

## Common papers:

**EUROPEAN CREDIT TRANSFER SYSTEM ENABLING STUDENT EXCHANGE BETWEEN  
RUSSIAN AND (WESTERN) EUROPEAN UNIVERSITIES. BORSCH SOUP À LA BOLOGNAISE**

**W. De Bruyn, G. Baekelandt, Dmitriy Borodin**  
*University College Ghent – Hogeschool GENT*  
GENT BELGIUM

[wim.debruyn@hogent.be](mailto:wim.debruyn@hogent.be) , [geert.baekelandt@hogent.be](mailto:geert.baekelandt@hogent.be) ; [dmitriy.borodin@hogent.be](mailto:dmitriy.borodin@hogent.be)

# Sample Slides from SEXTANT Training Materials

(they are currently used in new  
TEMPUS projects: CANQA and  
ENAGRA)

# Болонский процесс

- **Марек Франкович**
- Центр исследований высшего образования ЯУ

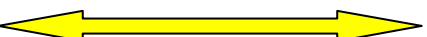
# ВОПРОСЫ

## В ПОИСКЕ «ЗОЛОТОЙ СЕРЕДИНЫ»

Европа  Страна

Страна  ВУЗ

ВУЗ  Факультет

Факультет  Преподаватель

# ECTS

- **Марек Франкович**
- Центр Исследований Высшего образования ЯУ

# Оценка количества кредитов (для «типичного» дневного отделения)

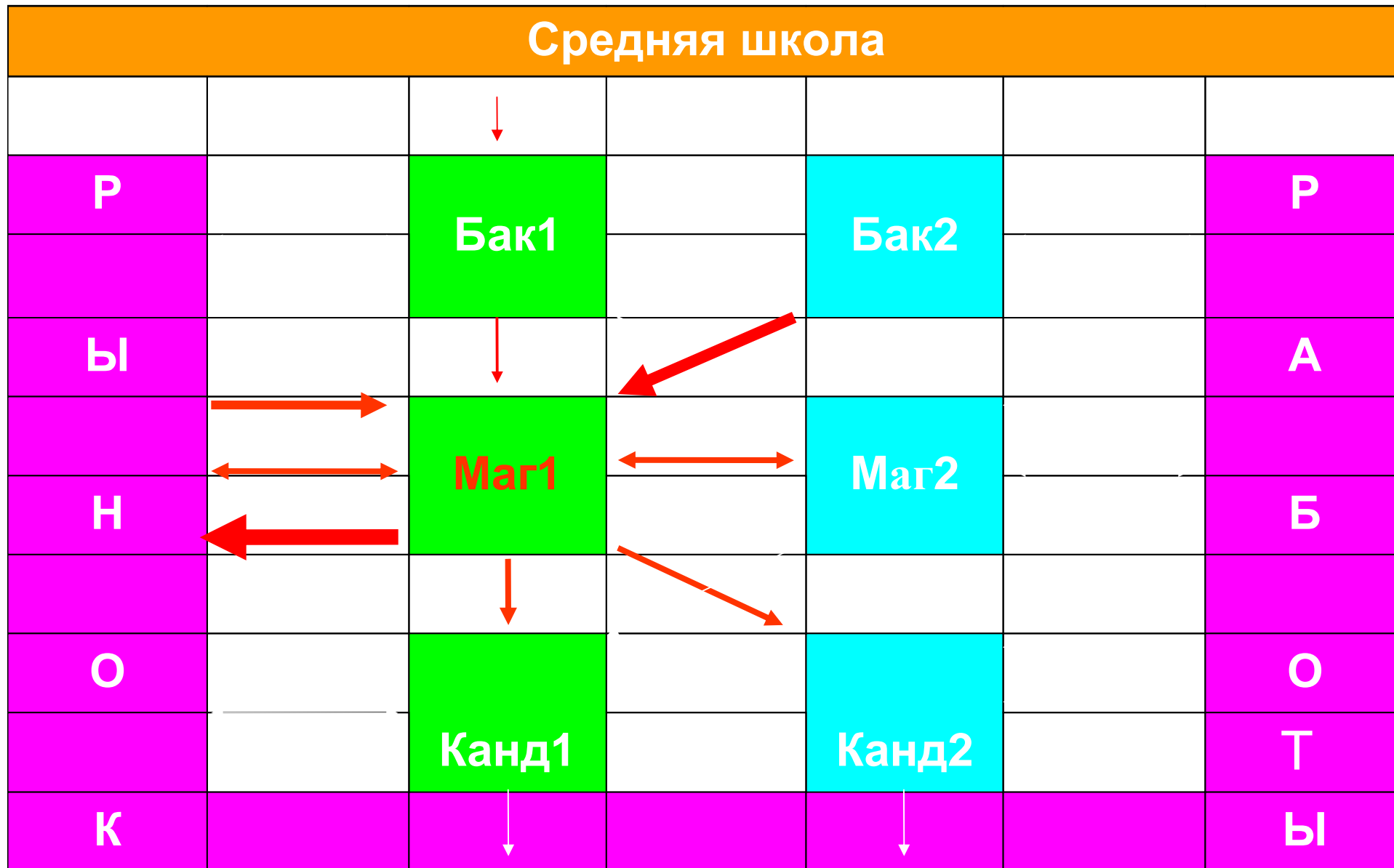
Учебный год – это от 36 до 40 недель работы студента  
Количество часов еженедельной работы - от 40 до 45  
Количество часов работы в год – примерно от 1500 до 1800 часов

Пятилетнее обучение в магистратуре – это от 7500 до 9000 часов работы и 300 кредитов

- 1 кредит- это от 25 до 30 часов работы студента
- 1 неделя обучения – это около 1.5 кредитов
- 6ти кредитный предмет - это 20% семестровой нагрузки студента

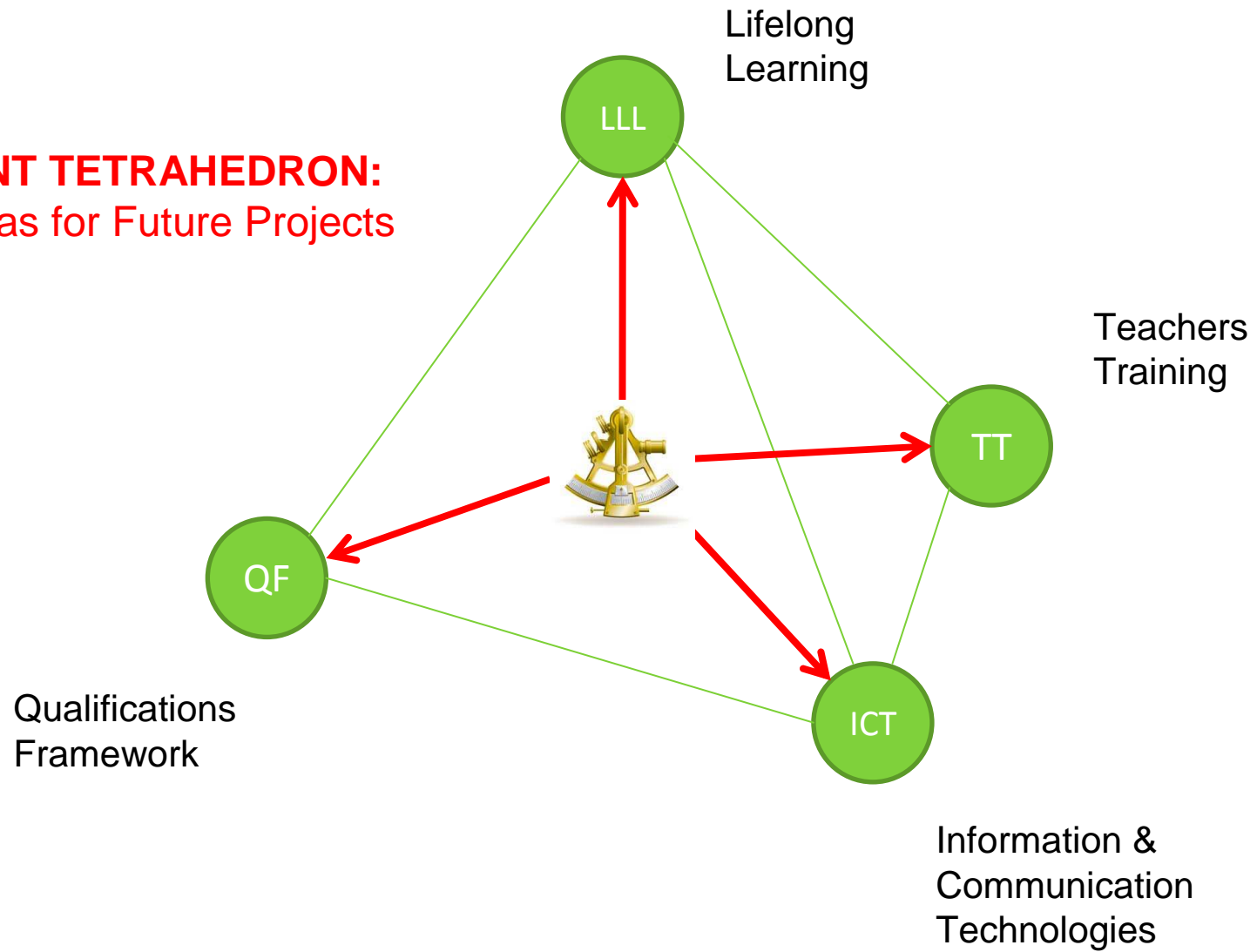
# Структура многоступенчатых учебных программ

- **Марек Франкович**
- Исследовательский центр  
высшего образования ЯУ



**Специализированное образование II уровня**

**SEXTANT TETRAHEDRON:  
New Ideas for Future Projects**



**SEXTANT Team in Moscow**

