

## Program of the Conference

### Opening ceremony of conference and first plenary session

June 16, 2011, 10<sup>30</sup>

#### Main conference hall of the Presidium of the Academy of Sciences (*Istiqlaliyyet street, 10*)

1. Opening address- Academician **M.K. Kerimov**, President of the Academy of Sciences of Azerbaijan.
2. **Gadjiev A.C.** (Azerbaijan): *Nasireddin Tousi and his epoch.*
3. **Matvievsckaya G.P.** (Russia): *Nasireddin Tousi and his mathematical, astronomical heritage.*
4. **Babayev A.A.** (Azerbaijan): *Great mathematician.*
5. **Salim Ayduz** (England): *Nasir al-Din al-Tusi`s Influence on Ottoman Scientific Literature.*
6. **Churyumov K.I.** (Ukraine), **Chubko L.S.** (Ukraine), **Guliyev A.S.** (Azerbaijan) : *On observations of comets in Tousi epoch (XII c.).*
7. **Yi-hao Qiu** (China): *Tracking the Influences of Nasir al-Din al-Tusi.*

Lunch 13<sup>00</sup>-14<sup>00</sup>.

## Second plenary session

16 june 2011, 14<sup>00</sup>

Azerbaijan University floor7 conference hall

(A. Abbasov street,84)

**Chairman: prof. Lisanyuk E.N.**

1. **Sesiano J.** (Switzerland): *L'âge d'or des carrés magiques au XIIIe siècle.*
2. **Brylevskaya L.I.** (Russia): *History of mathematics in Sankt-Peterburq Academy of Sciences.*
3. **Lyuter I. O.** (Russia): *On relationship between philosophy and mathematics in the works of Nasir al-Din al-Tusi and his disciples.*

### Coffee break

4. **Lisanyuk E.N.** (Russia): *N.Tusi and the rise of scholasticism in medieval logic.*
5. **Musayev A.** (Azerbaijan): *Nasireddin Tousi on taxes.*
6. **Abdulmajid N.** (Jordan): *On Tousi`s book "Jawami Alhisab bit takht wat turab" and its place among islamic arithmetic books.*

### **Third plenary session**

**17 june 2011, 10<sup>00</sup>**

**Azerbaijan University floor7 conference hall**

**Chairman: prof. Soloviev S.**

1. **Antonova O.** (France), **Soloviev S.** (France): *Axiomatic Method in Historical Perspective.*
2. **Arshad Islam** (Malaysia): *Achievements of Muslims in the Field of Science and Technology.*
3. **Kuzicheva Z.A.** (Russia): *On the research of oriental mathematics in the Soviet school of history of mathematics.*
4. **Rıhtım M., Aydın N.** (Turkiye) : *A Striking Example to Connections between Renaissance Europe and the Muslim World: Copernicus and Tusi.*

**Coffee break**

### **Mathematical and logical session**

**17 june 2011, 11<sup>40</sup>**

**Azerbaijan University floor7 conference hall**

**Chairman: prof. Babayev A.A.**

1. **Mamedov E.M.** (Azerbaijan): *Principal proposition of N.Tousi logical treatise "Tajrid al mantik".*
2. **Aliyev N.A.** (Azerbaijan), **Khudadova A.K.** (Azerbaijan): *Development of numerical set.*

3. **Aliyev Y. N.** (Azerbaijan): *Elementary solution to Ibn al-Haytham's (Alhazen) problem.*
4. **Babayev A.A.** (Azerbaijan), **Mejlumbekova V.F.** (Azerbaijan): *N.Tousi's labours as argumentation source in dissuasion of "Geometrical algebra".*
5. **Rahmani E.** (Iran), **Shahriyari M.** (Iran): *Devoid and simple negative inferences of Ibn-sina, Bahmanyar and N.Tousi.*
6. **Kuliyeva Q.Z.** (Azerbaijan): *On progress of mathematical notion.*
7. **Babayeva R.Q.** (Azerbaijan), **Ibrahimova S.Kh.** (Azerbaijan): *Two problems from N.Tousi treatise "Statement of the book "Suppositions""*

### **Astronomy session**

**17 june 2011, 11<sup>40</sup>**

**Azerbaijan University, small conference hall  
presentation room**

**Chairman: prof. Abdullazadeh Kh.F.**

1. **Soltanova N.B.** (Azerbaijan): *"Physics in Epistemology" of Bahmaniar al-Azerbaijani.*
2. **Morrison R.G.** (USA): *Tusi, Kalam and Astronomy's Models.*
3. **Abdullazadeh Kh.F.** (Tajikistan): *On the instruments of Maraga Observatory in XII c.*
4. **Abdulkasimova N.** (Azerbaijan): *Did Copernicus know the labours of Maraga Observatory.*

5. **Qafarov A.** (Azerbaijan): *Metaphysical principles of Nasireddin Tousi on theory of spirit.*

### **Philosophy session**

**17 june 2011, 11<sup>40</sup>**

**Azerbaijan University, small conference hall  
presentation room**

**Chairman: prof. Shahin Fazil**

1. **Gashamoglu A.** (Azerbaijan): *Nasireddin Tousi as one of the founders of sociology.*
2. **Shahin Fazil** (Azerbaijan): *Attitude of the historian Iskender bey Munshi to the scientist-mathematician Nasireddin Tusi.*
3. **Bagheri M.** (Iran): *Scientific Poems of Nasir al-Din Tusi.*
4. **Bavardeh F.** (Iran): *Tusi`s legacy and challenge for Muslim civilization nowadays.*
5. **Shirinov A.** (Azerbaijan): *Was Nasir al-din al-Tusi peripatetic?*
6. **Guergour Y.** (Algeria): *The fifth postulate of parallels to Nasir Eddine at-Tusi : his sources and his extensions.*

**Lunch 13<sup>00</sup>-14<sup>00</sup>.**

## Fourth plenary session

18 June 2011, 11<sup>00</sup>

SHAO, Pirqulu, conference hall

**Chairman: corr.- member of NASA Quliyev A.S.**

1. **Guliyev A.S.** (Azerbaijan): *Shamakha Astrophysical Observatory: history, structure and perspectives.*
2. **Haghighipour N.** (USA): *Role of Maraga Observatory in the development of astronomy.*
3. **Atai A.A.** (Azerbaijan), **Zeynalov R.A.** (Azerbaijan): *G.S.Mamedbeyli- He first investigator of Nasireddin Tusi`s legacy in Azerbaijan.*
4. **Zarrouati M.** (France): *Al-Tusi Observations and Galileo Experiments: Similarities in the use of Mathematics to model Real Things as they run.*

**Closing of the conference**  
**June 18, 2011 at 13<sup>00</sup>.**