

Spring Report

The Thunderbolts Project – Persian Division

March 21 – June 21, 2017

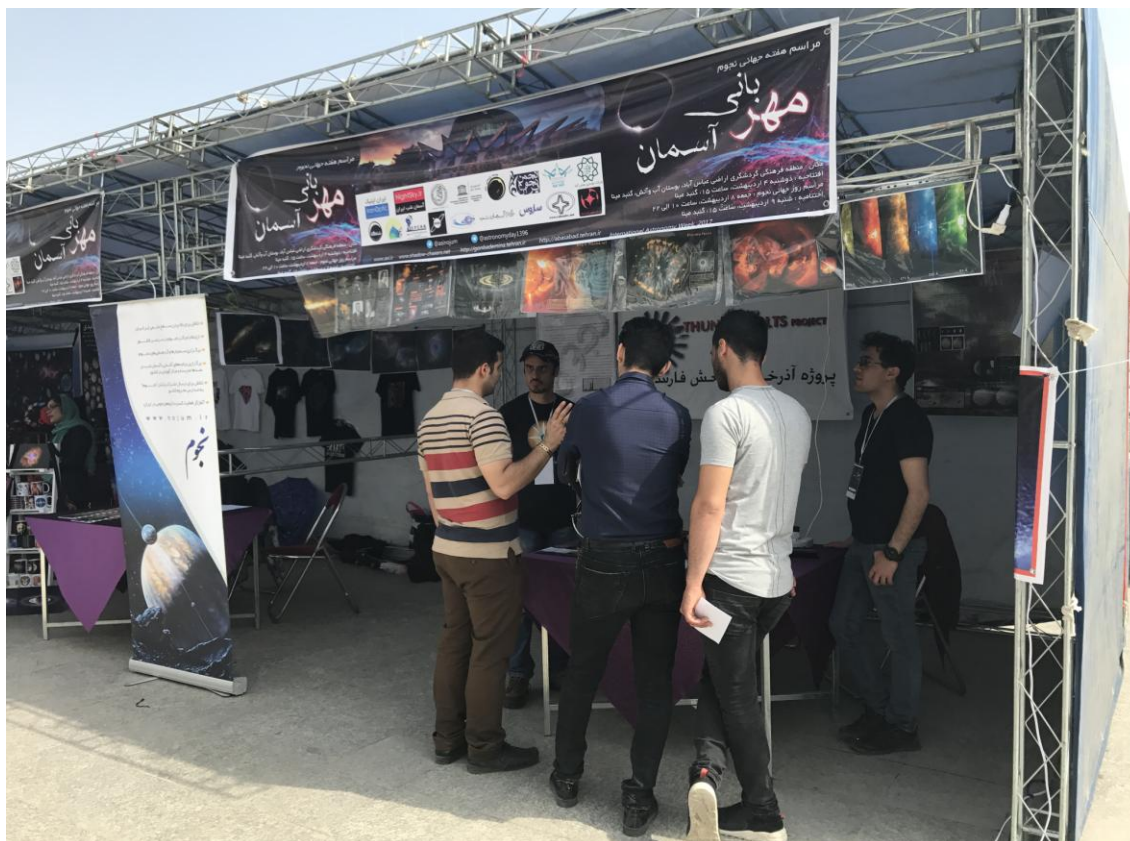
1 Farvardin – 31 Khordad, 1396, Persian calendar

1. International Astronomy Day
2. One of our articles has accepted in 24nd spring conference of IPM
3. Translations of TPODS and space news

1. Astronomy Day

We could have a booth for the fifth year in Gonbad E Mina (Tehran Planetarium). Mohammad Reza Shafizadeh and Pouria Moradi were the managers of booth and we thank our follower Hesam Khanjani for his helps.









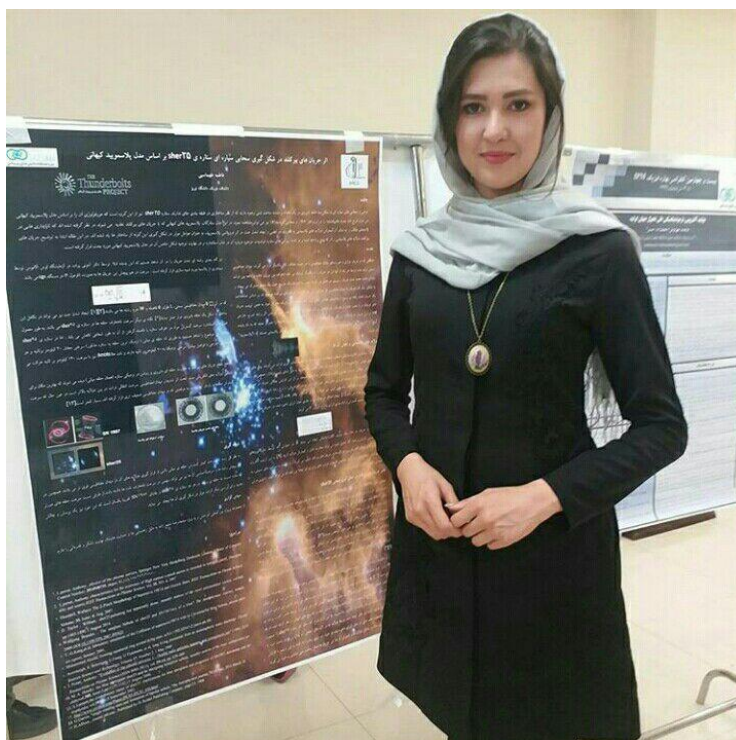
Our page in astronomers without borders website:

<https://astronomerswithoutborders.org/member-reports/3892-astronomy-day-in-tehran.html>

More photos in our website: www.yon.ir/61YcB

2. Fatemeh's Article

The Institute for Research in Fundamental Sciences (IPM) is the best and the most important research institute of Iran in physics and astronomy, the physics spring conference is their annual conference, Fatemeh Tahmasebi's article **"Effects of birkeland currents in formation of sher25 planetary nebula based on the cosmic plasmoid model"** has accepted at that conference and Shadi presented it as a poster there.



See the abstract: www.yon.ir/Usiiz

3. TPODs and Space News

TPODs and notes:

1. a report by [Saba Hafizi](http://www.yon.ir/IYI1M) about comet Hale-Bopp:
www.yon.ir/IYI1M
2. [Jet Filaments](http://www.yon.ir/s5Juv), translated by Bardia Ghobadi:
www.yon.ir/s5Juv
3. [Failed Star or Cosmic Short Circuit?](http://www.yon.ir/mSikv) – translator: [Fatemeh Tahmasebi](http://www.yon.ir/mSikv)
www.yon.ir/mSikv
4. [Electronic Nebula](http://www.yon.ir/zegrO)- translator: Parham Saeedi
www.yon.ir/zegrO
5. Star's formation and EU's prediction for elliptical galaxies by [Kiarash Danesh](http://yon.ir/xol0p):
<http://yon.ir/xol0p>
6. [Charged Gravity](http://yon.ir/KcsqE) – translator: Bardia Ghobadi
<http://yon.ir/KcsqE>
7. [Electric Lights](http://yon.ir/KcsqE) – translator: Milad Hajebrahimi

<http://yon.ir/4bzYE>

8. [Resolving Rhea](#) – translator: Fatemeh Tahmasebi
<http://yon.ir/0JuJW>

9. [Sun Fire](#) – translator: [Farzin Hosseini](#)
<http://yon.ir/16RhC>

Space News:

1. [Electricity Hiding Behind Dark Matter?](#) – translator: Armita Hajizadeh
<http://yon.ir/o3SEa>

2. [Deep Impact](#) – translator: Sepideh Zamani
<http://yon.ir/K4O6x>

3. [More Baffling Pluto Geology](#) – Translator: Armita Hajizadeh
<http://yon.ir/BfLLy>