

# Rocket Model Festival of Curitiba - 2016 (Festival de Minifoguetes de Curitiba 2016)

(updated in Jun 29<sup>th</sup> 2015)

**More information:** <http://ftp.demec.ufpr.br/foguete/Festival2016/> e <http://fogueteufpr.blogspot.com.br/>

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**Dates:** From April 21<sup>st</sup> to 24<sup>th</sup> 2016

**Venue:** Federal University of Paraná (UFPR), in Curitiba and Pinhais, PR

**Organization:** Carl Sagan Rocket Group (UFPR); <http://www.foguete.ufpr.br/>

## **Objectives:**

- Competition of model rockets in 13 categories.
- Register Brazilian records of maximum apogee obtained by model rockets of classes:  $\frac{1}{8}A$ ,  $\frac{1}{4}A$ ,  $\frac{1}{2}A$ , A, B, C, D and E.
- Register Brazilian precision (exact apogee) records obtained by model rockets for the following apogee values: 50, 100, 200, 400 and 800 meters.
- Presentation of technical sessions about selected model rocket projects, as well as about innovations in model rockets and rocket motors.
- Exhibition of model rockets, rocket engines and related equipments, as well as photographs and teams' banners.
- Promote short lectures about model rockets.
- Promote lectures about aerospace engineering, astronautics and model rockets.
- Promote the integration of courses, institutes and research groups related to aerospace engineering, as well as people interested in the subject.
- Awaken and motivate vocations in scientific and space research areas
- Spread the Brazilian Space Program and space research
- Broadcast the themes: model rockets, rocketry and space aeronautics
- Grant the Von Braun Award of Model Rockets
- Award the model rocket teams that hold Brazilian records

## **PREVIOUS EDITIONS:**

The *Rocket Model Festival of Curitiba - 2014 (Festival de Minifoguetes de Curitiba 2014)* took place in Curitiba and Pinhais from April 11<sup>th</sup> to 13<sup>th</sup> 2014. It counted on the participation of 18 teams from 10 Brazilian universities (UCS, UFABC, UFMG, UFPR, UFRPE, UFSC, UNICAMP, UP, UTFPR/UEM) and three independent groups (BVM, CEGAPA, Edge of Space), covering 6 Brazilian states (MG, PE, PR, RS, SC, SP). The *Model Festival of Curitiba - 2014 (Festival de Minifoguetes de Curitiba 2014)* was the first event of its kind in Brazil, in which teams competed against each other in terms of projects of model rockets. The competition consisted on 6 categories: five with defined objectives and one open category. During the event, a total of 37 model rockets were launched. More details are available in the site: <http://ftp.demec.ufpr.br/foguete/Festival2014/>

The *Rocket Model Festival of Curitiba - 2015 (Festival de Minifoguetes de Curitiba 2015)* took place in Curitiba and Pinhais from April 18<sup>th</sup> to 20<sup>th</sup> 2015. It counted on the participation of 17 teams from 10 Brazilian universities (UCS, UEM, UFABC, UFPR, UFSC, UnB-GAMA, UNICAMP, UP, UTFPR-CT, UTFPR-LD) and two independent groups (BVM e CEGAPA), covering 6 Brazilian states (DF, PE, PR, RS, SC, SP). The *Model Festival of Curitiba - 2014 (Festival de Minifoguetes de Curitiba 2014)* was the second event of its kind in Brazil, in which teams competed against each other in terms of projects of model rockets. The competition consisted on 12 categories: eleven with defined objectives and one open category. During the event, a total of 67 model rockets were launched. More details are available in the site: <http://ftp.demec.ufpr.br/foguete/Festival2015/>