

Republic of the Philippines  
HOUSE OF REPRESENTATIVES  
Quezon City

**EIGHTEENTH CONGRESS**  
First Regular Session

HOUSE RESOLUTION NO. 107



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Introduced by **KABATAAN PARTY-LIST REPRESENTATIVE**  
**SARAH JANE I. ELAGO**

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**RESOLUTION**  
**COMMENDING AND CONGRATULATING EUGENE RIVERA, JOSCEL KENT**  
**MANZANERO AND KEITH RUSSEL CADORES FOR HAVING THREE MINOR**  
**PLANETS NAMED AFTER THEM FOR WINNING SECOND-PLACE IN THE**  
**"ENERGY: PHYSICAL" CATEGORY OF THE 2018 INTEL INTERNATIONAL**  
**SCIENCE AND ENGINEERING FAIR**

**WHEREAS**, Eugene Rivera, Joscel Kent Manzanero and Keith Russel Cadore of Camarines Sur National High School in Naga City participated in the 2018 Intel International Science and Engineering Fair, a program of the Society for Science and the Public, and recognized as the largest pre-college science competition;

**WHEREAS**, competing under the "Energy: Physical" category, the three students designed and developed Solar-Tracking Arduino-Rooted PV Panels which aimed to "improve the power harvesting and generating capacity of photovoltaic cells by designing and building a solar device that mimics a flower opening when the sun is out, tracks the sun's movement, closes when the light source is no longer detected and responds to humidity and temperature to maximize power generation," as stated in the groups' abstract, which placed them second among all participants;

**WHEREAS**, the three students received a certificate which identifies each of the minor planet named after them together with an orbital plot presenting its location, from the Massachusetts Institute of Technology Lincoln Laboratory, which has been naming asteroids it discovered in honor of high school students who excel at science competitions since 2001;

**WHEREAS**, Rivera, Manzanero, and Cadore have fulfilled their role as the hope of the nation, and thus, deserved to be recognized and honored for the glory they have brought to the country;

**NOW THEREFORE, BE IT RESOLVED, AS IT IS HEREBY RESOLVED**, that the members of the House of Representatives commend and congratulate Eugene Rivera, Joscel Kent Manzanero and Keith Russel Cadores for having three minor planets named after them for winning second-place in the "Energy: Physical" category of the 2018 Intel International Science and Engineering Fair.

*Adopted,*

**Rep. SARAH JANET. ELAGO**  
*Kabataan Party-list*

