



## NEWS RELEASE

### Fourth Annual International Mathematical Modeling Challenge (IM<sup>2</sup>C) 2018

We are pleased to announce the results of the fourth annual International Mathematical Modeling Challenge (IM<sup>2</sup>C). There were 30 countries/regions invited to participate in the 2018 IM<sup>2</sup>C and after the national selection round, 55 teams competed in the international round of judging. All teams worked at their own schools during a 5 day period between March 12th and May 7th, 2018. Each team was given a modeling problem and then constructed their solutions. This year's problem **The Best Hospital** asked the teams to develop a model that uses mortality to measure the quality of a hospital.

#### Outstanding Team

- **Radford College, Australia**
- **Advisor, Kym Palfreman**
  - **Ryan Stocks**
  - **Brianna Wiseman**
  - **Emily Li**
  - **Stone Sima**

All schools are to be commended for their efforts. The judges were impressed with all the teams' creativity and ingenuity in mathematical modeling and in their ability to explain their strategies and problem-solving techniques in clear terms. Each participant is a true winner. A complete Results Report, listing all teams by designation, as well as the full problem statement can be found at [www.immchallenge.org](http://www.immchallenge.org). For additional contest information, contact IM<sup>2</sup>C at: [info@immchallenge.org](mailto:info@immchallenge.org).



需蓮教科文機構  
NeoUnion ESC Organization

*Initial funding for planning and organizational activities was provided by IM<sup>2</sup>C co-founders and co-sponsors - The Consortium for Mathematics and its Applications (COMAP), a not-for-profit company dedicated to the improvement of mathematics education and by NeoUnion ESC Organization in Hong Kong (SAR).*

# 4th Annual International Mathematical Modeling Challenge Results

<u>Ctrl #</u>	<u>Designation</u>	<u>Institution</u>	<u>Advisor</u>	<u>Location</u>	<u>Country/Region Represented</u>
<b><u>Outstanding</u></b>					
2018064	Outstanding	Radford College	Kym Palfreman	Bruce	Australia
<b><u>Meritorious</u></b>					
2018004	Meritorious	Shanghai Experimental School	Xiaming Chen	Shanghai	China Mainland
2018032	Meritorious	The Masters School	John P Chiodo	Dobbs Ferry, NY	USA
2018059	Meritorious	Taipei Municipal Zhong Shan Girls High School	Lee Chang-Tse & Lin Shih-Che		China Taiwan
2018065	Meritorious	Saint Angela High School	Victor Hery Purwanta	Bandung	Indonesia
<b><u>Honorable Mention</u></b>					
2018002	Honorable Mention		Pobolyaka Vladimir	Moscow	Russia
2018007	Honorable Mention	Hermann Wesselink College	Hidden, FJ	Amstelveen, Noord	Netherlands
2018009	Honorable Mention	Kristin School	David Beaney	Auckland	New Zealand
2018010	Honorable Mention	Liceo Carmela Carvajal de Prat	Sergio Santelices	Santiago	Chile
2018012	Honorable Mention	NC School of Science and Mathematics	Daniel J Teague	Durham, NC	USA
2018014	Honorable Mention	St. Paul's Co-educational College	Cheung Pak Leong & Chan Lung Chak	Hong Kong	China Hong Kong (SAR)
2018015	Honorable Mention	Kanazawa University Senior High School	Suguru Toda	Kanazawa, Ishikawa	Japan
2018019	Honorable Mention	Moscow State University	Irina Naralenkova	Moscow	Russia
2018021	Honorable Mention	Beijing Academy	Haiyan Liang	Beijing	China Mainland
2018022	Honorable Mention	Kurfurst-Balduin-Gymnasium	Dr. Jorg Kreutz	Munstermaifeld	Germany
2018023	Honorable Mention	Pui Ching Middle School, Macau	Wu Chen Meng	Macau	China Macau (SAR)

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2018024	Honorable Mention	HWA CHONG INSTITUTION	EILEEN TAN YILING	SINGAPORE	Singapore
2018028	Honorable Mention	Hermann Wesselink College	Hidden, F.J.	Amstelveen, Noord	Netherlands
2018029	Honorable Mention	The Hebrew Reali school	Gidi Ehrenhalt	Haifa	Israel
2018030	Honorable Mention	Taichung First Senior High School	Tung Chan-hung	Taichung, Zhonghua	China Taiwan
2018031	Honorable Mention	Ay Jackson Secondary School	Calvin Lim	North York	Canada
2018039	Honorable Mention	PUI KIU COLLEGE	KWOK TING YI & NG KWOK LUN	Hong Kong	China Hong Kong (SAR)
2018040	Honorable Mention	Baulkham Hills High School	Elizabeth Sree Kumar	Baulkham Hills High	Australia
2018041	Honorable Mention	Sacred Heart Canossian College (English Section)	Liang Leping & Sou Chon Wa	Macau	China Macau (SAR)
2018043	Honorable Mention	Bilingvalne Gymnasium	Yana Kavecka	Zilina	Slovakia
2018048	Honorable Mention	Mahidol Wittayanusorn School	Ms. Amornsri Amornvatcharapong	Nakhon Pathom	Thailand
2018050	Honorable Mention	River Valley High School	Danielle Ho Kian Ming	Singapore	Singapore
2018051	Honorable Mention	American School of Dubai	Jasper Adviento	Dubai	United Arab Emirates
2018053	Honorable Mention	CITA HATI Christian School	Jallson Surjo	Surabaya	Indonesia
2018055	Honorable Mention	Walnut Grove Secondary	Donna Sharkey	Langley	Canada
2018056	Honorable Mention	Kamnoetvidya Science Academy (KVIS)	Dr. Kanes Sumetpipat	Rayong	Thailand
2018057	Honorable Mention	GymmIzium, Alejova , Kosice	Marian Macko	Kosice	Slovakia
2018061	Honorable Mention	Ukammpa International School Second	Derek Johnson	Ukammpa EHP	Papua New Guinea
2018066	Honorable Mention	Gyeonggi Science Highschool	Kim, Soyeon	Suwon, Gyeonggi	South Korea

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2018067	Honorable Mention	American School of Dubai	Jasper Adviento	Dubai	United Arab Emirates
2018070	Honorable Mention	Ukarumpa International School Secondary	Derek Johnson	Ukammpa, EHP	Papua New Guinea
<b><u>Successful Participant</u></b>					
2018001	Successful Participant	ZBC	M. Kruse/H. Hansen	Vordingborg	Denmark
2018003	Successful Participant	Presidency PU College, Hebbal	S S V Raghu Kumar	Bengaluru, Karnataka	India
2018005	Successful Participant	Tecnologico de Monterrey at Tampico	Maria Margarita Zubieta Casais	Altamira, Tamaulipas	Mexico
2018006	Successful Participant	Kanazawa University Senior High School	Suguru Toda	Kanazawa, Ishikawa	Japan
2018008	Successful Participant	Hohenstaufen-Gymnasium	Gabriele Lapport	Kaiserslautern,	Germany
2018013	Successful Participant	Tecnologico de Monterrey at Tampico	Maria Margarita Zubieta Casais	Altamira, Tamaulipas	Mexico
2018016	Successful Participant	Philippine Science High School - Main Campus	Fortunato A. Tacuboy III	Quezon City	Philippines
2018017	Successful Participant	Liceo de Aplicacion	Jose Manuel Torres Yanez	Santiago	Chile
2018026	Successful Participant	HC Oersted Gymnasiet Lyngby	Albena Nielsen og Jan Boddum Larsen	Kongens Lyngby	Denmark
2018033	Successful Participant	Mt Albert Grammar	Michael Walden	Auckland	New Zealand
2018036	Successful Participant	NIGERIAN TULIP INTERNATIONAL COLLEGES	OCHILBEK RAKHMANOV	ABUJA	Nigeria
2018037	Successful Participant	Izmir Ozel Saint Joseph Fransiz Lisesi	KAGAN GOZEL	IZMIR	Turkey
2018046	Successful Participant	Philippine Science High School - Main Campus	Fortunato A. Tacuboy III	Quezon City	Philippines
2018047	Successful Participant	II Liceum Ogólnokształcące z Oddziałami Dwujęzycznymi im.	Zhigniew Luchciński		Poland
2018049	Successful Participant	North London Collegiate School Jeju	Minsoo Cha	Seogwipo, Jeju Island	South Korea

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2018052	Successful Participant	St Andrew's Scots School	James Thomas	Vincente Lopez, Buenos	Argentina
2018058	Successful Participant	Antalya Bilim Yesanat Merkezi	Arzu Gaglar	Antalya, Kepez	Turkey
2018063	Successful Participant	St Andrew's Scots School	Christopher Fowler	Vincente Lopez, Buenos	Argentina
2018072	Successful Participant	ADA University	Yagub Aliyev, PhD	Baku, AZ	Azerbaijan