

The Second Julia Robinson Mathematics Festival in Hong Kong, March 24, 2018

(Hong Kong) Hong Kong's second Julia Robinson Mathematics Festival (JRMF) was held at the Singapore International School (Hong Kong) on March 24th 2018 from 10:00am to 1:00pm. The goal of this mathematics festival is to make mathematics accessible to every student of all abilities, and focuses on collaborative problem-solving, as opposed to the competitive nature of mathematics examinations and contests, so that students can enjoy the richness and beauty of mathematics without anxiety.

Guided by experienced mathematics teachers, math enthusiasts and other mathematics lovers in the community, over 250 students aged 10 to 14 worked on a variety of mathematical problems, puzzles and activities. A number of students came from The Chinese International School, Independent School Foundation (ISF) Academy, English Schools Foundation (ESF) affiliated schools like South Island School, Victoria Shanghai Academy, the Singapore International School (Hong Kong) among others. In particular, seventy students from eight different primary schools affiliated with the Tung Wah Group of Hospitals (TWGH) participated at the event with their teachers. Students worked on a variety of inquisitive activities each designed to culminate with mathematically deep insights. Students were encouraged to persist and collaboratively work with peers. In closing, Dr. Mark Saul, Executive Director of the Julia Robinson Mathematics Festival, gave an impromptu talk on surprising ways to think of mathematics in daily life.

The JRMF events honour the memory of Julia Robinson, a mathematician recognized for her work in solving Hilbert's tenth problem and encourages more students to pursue mathematics. In partnership with the American Institute of Mathematics, the Festivals began at Google in 2007, and have since expanded to many places worldwide. In 2018, besides Hong Kong, the Festivals have taken place at Beijing, Shanghai and Hunan in mainland China and also at Taipei and Chiayi in Taiwan. The Hong Kong Festival is sponsored by Google Inc., the IEEE Information Theory Society, Nautilus Software Tech., and the Singapore International School (Hong Kong). The South China Morning Post (SCMP) also published an online coverage at: <https://yp.scmp.com/presented-channel/yp-exclusive/article/109169/annual-julia-robinson-mathematics-festival-gets-kids> (Annual Julia Robinson Mathematics Festival gets kids excited about maths, April 26th 2018).

Organizing Committee of Julia Robinson Mathematics Festival in Hong Kong

Director: Dr. Tan, Chee Wei, Professor of Computer Science

Co-Director: Mr. Shen, Jian, Caravel Group Ltd.

Advisor: Dr. Saul, Mark, Executive Director of Julia Robinson Mathematics Festival

Mr. Ng, Bernard, Vice-Principal of Singapore International School (Hong Kong)

2018年3月24日舉行第二屆香港 Julia Robinson 茱莉亞羅賓遜數學嘉年華

(香港) 香港第二屆 Julia Robinson 茱莉亞羅賓遜數學嘉年華 (JRMF) 由 2018 年 3 月 24 日上午 10 時至下午 1 時，於新加坡國際學校 (香港) 舉行。JRMF 讓學生不論能力高下都能夠理解數學，無慮地享受數學的樂趣，沒有數學考試或比賽競技的特色，反而是同儕聯袂解難。

超過 250 名 10-14 歲的學生由富經驗的數學教師和社區中的數學愛好者指導，投入各種數學問題、遊戲和活動。數位學生來自漢基國際學校、弘立書院、英基學校協會名下的南島中學、滬江維多利亞學校、新加坡國際學校 (香港) 等。特別的是，有 70 名學生來自 8 所東華三院的小學，與老師一同參加是次活動。學生參與各種探索性質的活動，活動以數學上的真知灼見總結，並鼓勵學生堅持不懈及互相幫助。活動結束時，Mark Saul 博士在即興演說裡提出一些驚奇的方法，有助在日常生活裡思考數學。

JRMF 因紀念數學家 Julia Robinson 茱莉亞·羅賓遜而命名，她解決了希爾伯特第十個數學問題而成名。JRMF 在 2007 年谷歌的舊金山灣區開始舉辦，從此擴展到世界各地。2018 年，除香港以外，JRMF 也於北京、湖南、台北、嘉義舉辦。香港的 JRMF 由以下的機構贊助：谷歌公司、IEEE 信息理論學會、Nautilus 軟件公司 和新加坡國際學校 (香港)。《南華早報》旗下的學生報紙《Young Post》亦出版了相關線上文章

(<https://yp.scmp.com/presented-channel/yp-exclusive/article/109169/annual-julia-robinson-mathematics-festival-gets-kids> 標題中譯：一年一度茱莉亞羅賓遜數學嘉年華使孩子對數學興奮，2018 年 4 月 26 日)。

香港 Julia Robinson 茱莉亞羅賓遜數學嘉年華組織委員會

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聯席總監： SHEN Jian 先生， Caravel Group Ltd.

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NG Bernard 先生， 新加坡國際學校 (香港) 副校長

照片、視頻及更多信息，請瀏覽 www.algebragamification.com/jrmf