

**The 16th Symposium on
Generating Functions of Special
Numbers and Polynomials and
their Applications
dedicated to the respected
mathematician Professor Zhang
Wenpeng on the occasion of his
68th anniversary
2026 年 8 月 20 日-25 日 20-25
August 2026
中国 包头
Baotou, China**

[GFSNP 2026 – The 16th Symposium on Generating Functions of Special Numbers
and Polynomials and their Applications](#)

会议日程 | AGENDA

星期四 8 月 20 日，包头市稀土国际大酒店报到 Registration: On Thursday August 20, Rare Earth International Hotel, Baotou		
星期五 8 月 21 日，稀土国际大酒店 二楼视频厅 Friday, August 21, Video Hall, 2nd Floor, Rare Earth International Hotel		
时间 Time	主持人 Chair	报告人 Speaker
8:20-8:50	呼家源 Jiayuan Hu	开幕式（Opening Ceremony）
8:20-8:25		马永红 内蒙古科技大学理学院院长 Yonghong Ma, Dean of the School of Science, Inner Mongolia University of Science and Technology
8:25-8:30		Yilmaz Simsek, Akdeniz University, Turkey 致欢迎辞 Welcome Speech
8:30-8:35		张文鹏 西北大学 Wenpeng Zhang, Northwest University, China 致欢迎辞 Welcome Speech
8:35-8:50		合影（Picture）
8:50-9:20	张文鹏 Wenpeng Zhang	李红泽 上海交通大学 Hongze Li, Least Zero of Pairs of Additive Cubic Equations
9:20-9:50		Taekyun Kim, Kwangwoon University, Korea Applications and computation of Sheffer-type polynomials with degenerate properties
9:50-10:20		张天平 陕西师范大学 Tianping Zhang, Shannxi Normal University, China Better than square-root cancellation in Piatetski--Shapiro sequences
10:20-10:40 茶歇（Tea Break）		
10:40-11:10	Taekyun Kim	洪绍方 四川大学 Shaofang Hong, Sichuan University, China Another proof of Zagier's formula for multiple zeta values
11:10-11:40		Yilmaz Simsek, Akdeniz University, Turkey Remarks on finite sums
11:40-12:10		张德瑜 山东师范大学 Deyu Zhang, Shandong Normal University, China On Hecke eigenvalue over Piatetski-Shapiro prime twins

12:10-14:30 午餐（Lunch Break）		
14:30-14:50	袁平之 Pingzhi Yuan	Abdelmejid Bayad, Paris-Saclay University, French (Online) On Dedekind sums and their applications
14:50-15:10		Clemente Cesarano, International Telematic University Uninettuno, Italy (Online) From operator theory to fractional operators in the framework of orthogonal polynomials
15:10-15:30	岳勤 Qin Yue	Mihaela Ribičić Penava, University of Osijek Croatia (Online) Ostrowski type inequalities for certain classes of convex functions
15:30-15:50		Syeda Noor Fathima, Pondicherry University India (Online) Colored Partitions Restricted by Parity of the Parts
15:50-16:10		Yuriy Shablya, Tomsk State University of Control Systems and Radio-Electronics Russian (Online) Encoding algorithms for combinatorial sets based on composition of generating functions
16:10-16:30 茶歇（Tea Break）		
16:30-16:50	王志伟 Zhiwei Wang	Dora Pokaz, University of Zagreb Croatia (Online) Convexity methods for generalized Hardy-type inequalities
16:50-17:10		Elvin Rada, Aleksandër Xhuvani University of Elbasan Albania (Online) Bounded infinite lattice evolution equations in l_∞ and their generating function representation
17:10-17:30	孙庆峰 Qingfeng Sun	Veerabhadraiah Lokesha, Vijayanagara Sri Krishnadevaraya University, India (Online) New Structured Topological indices and its Polynomial
17:30-17:50		Rexhep Rada, Aleksandër Xhuvani University of Elbasan Albania (Online) Generating functions of historical reliability sequences in adaptive memory weighted fuzzy clustering
17:50-18:10		Dmitry Kruchinin, Tomsk State University of Control Systems and Radio-Electronics, Russia (Online) A generating function for reciprocal binomial coefficients
18:10 晚餐（Supper）		

星期六 8 月 22 日, 包头稀土国际大酒店 二楼视频厅 Saturday, August 22, Video Hall, 2nd Floor, Rare Earth International Hotel		
时间 Time	主持人 Chair	报告人 Speaker
8:20-8:50	易媛 Yuan Yi	吴强 西南大学 Qiang Wu, Southwest University, China The integer Chebyshev problem on small intervals
8:50-9:20		Seong Ju KANG, President of Korea Safe-Net Forum/Chairman of AI Manufacturing Research Association Empirical Approaches to Boost Competitive Edge of AI Economy in Korea
9:20-9:50	徐钊 Zhao Xu	刘华宁 西北大学 Huaning Liu, Northwest University, China Local-global classification of perfect polynomial-phase sequences
9:50-10:20		Neslihan Kilar, Niğde Ömer Halisdemir University, Turkey Notes on Peters-type Simsek polynomials of the second kind via generating functions
10:20-10:40 茶歇 (Tea Break)		
10:40-11:10	徐哲峰 Zhefeng Xu	Mine Menekse Yilmaz, Gaziantep University, Turkey Approximation by Convolution Operators with Radial Kernels on the Euclidean Plane
11:10-11:40		王健康 西安科技大学 Jiankang Wang, Xi'an University of Science and Technology, China Double and triple character sums with exponential functions
11:40-12:10		Erkan Agyuz, Gaziantep University, Turkey Remarks on the Approximation Rate of Szász-Type Operators Based on Frobenius–Euler–Simsek Type Polynomials
12:10-14:30 午餐 (Lunch Break)		
14:30-14:50	马元魁 Yuankui Ma	Daeyeoul Kim, Jeonbuk National University, Korea (Online) On Matrix Sequences Generated by the Pochhammer Matrix Symbol
14:50-15:10		Bayram Bala, Gaziantep Islam Science and Technology University, Turkey (Online) Finite Spectrum of Sturm–Liouville Problems on Time Scales with an Interior Transmission Condition
15:10-15:30		Damla Gun, Akdeniz University, Turkey (Online) Fermionic Integrals of $q_n(\lambda; \alpha)$ Polynomials Involving Beta-type Functions and Stirling Numbers

15:30-15:50	王婷婷 Tingting Wang	Elif Bozo, Akdeniz University, Turkey (Online) Some Properties of Derangement Numbers and Polynomials
15:50-16:10		Ezgi Polat, Akdeniz University, Turkey (Online) Observations on Sums of Powers of Consecutive Alternating Integers Related to Frobenius-Euler Numbers and Polynomials
16:10-16:30 茶歇 (Tea Break)		
16:30-16:50	吴振刚 Zhengang Wu	Elif Sukruoglu, Akdeniz University, Turkey (Online) Some Identities Associated with Laplace Numbers and Special Numbers
16:50-17:10		Abdulkadir Ucar, Akdeniz University, Turkey (Online) Recent Advanced on Integral Representations of Bernoulli Infinite Series
17:10-17:30	Yilmaz Simsek	Irem Kucukoglu, Alanya Alaaddin Keykubat University, Turkey (Online) Results derived from applying the Cauchy-Euler operator to some certain classes of finite sums
17:30-17:50		Ecem Ates, Akdeniz University, Turkey (Online) Remarks on Theta Sums involving the Hurwitz Zeta Function
17:50-18:00		闭幕式 Closing Ceremony
18:10 晚餐 (Supper)		
星期日-星期二 8月23日-25日, 包头稀土国际大酒店 Sunday – Tuesday, August 23 – 25, Rare Earth International Hotel		
自由讨论 Free Discussion		
星期日 8月25日, 包头稀土国际大酒店 报告厅 Tuesday, August 25, City Excursion		