姓名：黄恒振（Hengzhen Huang）

联系地址：广西壮族自治区桂林市七星区育才路 15 号

邮箱地址：hhzgxnu@126.com

教育和工作经历/Education&Working Experience

- 2016.10－present 广西师范大学数学与统计学院 专任教师
- 2014.09－2016.09 Georgetown University 医学院 Post-doctor
- 2010.09－2014.07 南开大学数学科学学院 博士生

研究兴趣/Research Interests

试验设计(Design of Experiments)，计算机试验(Computer Experiments)，超饱和设计(Supersaturated Design)，均匀设计(Uniform Design)， 药物合成设计(Drug Combination Design)。

教学情况/Teaching

主讲课程：高等数学，概率论与数理统计，试验设计与建模，统计模拟及其 R 实现，抽样调查理论

指导研究生：周冬宇（2017 级学硕），郭卫华（2017 级专硕）

刘君健(2018 级学硕)，黄福生(2018 级专硕)，杨风平(2018 级专硕)，邵悦(2018 级专硕)

论文情况/Publication

11. Huang, H. Z., Lin, D. K. J., Liu, M. Q. and Zhang, Q. Z. (2019+). Variable Selection for Kriging in Computer Experiments. *Journal of Quality Technology*, DOI: 10.1080/00224065.2019.1569959.

10. 陈雪平，马强，**黄恒振**，王晓迪。大数据背景下普通高校统计学本科专业课程设置的探讨。*高教学刊*，2018，21，70-72。

9. Huang, H. Z., Fang, H. B., and Tan, M. (2018). Experimental Design for Multi-drug Combination Studies Using Signaling Networks. *Biometrics 74, 538-547.*

8. Zhou, D. Y., Guo, W. H., and **Huang, H. Z.** (2018). Computer Simulation-Based Designs for Industrial Engineering Experiments. *Science Journal of Applied Mathematics and Statistics 6, 74-80.*

7 . Huang, H. Z., Zhou, S. S., and Liu, M. Q. (2017). Acceleration of The Stochastic Search Variable Selection via Componentwise Gibbs Sampler. *Metrika 80, 289-308.*

6. Huang, H. Z., Lin, D. K. J., Liu, M. Q. and Yang, J. F. (2016). Computer Experiments with Both Qualitative and Quantitative Variables. *Technometrics 58, 495-507.*

5. Chen, H., **Huang, H. Z.,** Lin, D. K. J. and Liu, M. Q. (2016). Uniform Sliced Latin Hypercube Designs. *Applied Stochastic Models in Business and Industry 32, 574-584.*

4. Tan, M., Fang, H. B., **Huang, H. Z.,** and Yang, Y. (2016) Design and Statistical Analysis of Multi-drug Combinations in Preclinical Studies and Clinical Trials. In book *Statistical Applications from Clinical Trials and Personalized Medicine to Finance and Business Analytics.* Page 215-234. Lin, J., Wang, B., Hu, X., Chen, K., Liu, R. (Eds.) Springer, New York & Switzerland.

3. Fang, H. B., **Huang, H. Z.,** and Tan, M. (2016). Predicting Multi-drug Inhibition Interactions Based on Signaling Networks and Single Drug Dose-Response Information. *Journal of Computational Systems Biology 2, 101.*

2. Huang, H. Z., Yang, J. Y. and Liu, M. Q. (2014). Functionally Induced Priors for Componentwise

Gibbs Sampler in The Analysis of Supersaturated Designs. *Computational Statistics & Data Analysis* *72,1-12*.

1. Huang, H. Z., Yang, J. F. and Liu, M. Q. (2014). Construction of Sliced (Nearly) Orthogonal Latin Hypercube Designs. *Journal of Complexity* 30, 355-365.

项目情况/Grant

2. 广西自然科学基金青年科学基金项目："计算机试验及超饱和设计变量选择问题的研究"，项目负责人(Principle Investigator)，批准编号：2018JJB110027，执行期限：2019 年 01 月-2021 年 12 月，批准金额：CNY 80,000.

1. 国家自然科学基金青年科学基金项目："多药物组合试验的最优设计与分析研究"，项目负责人(Principle Investigator)，批准编号：11701109，执行期限：2018 年 01 月-2020 年 12 月，批准金额：CNY 200,000.

会议情况/Invited&Contributed Talks

一、邀请报告（Invited Talk）

3. 2018.03.30-04.01　南方科技大学试验设计青年学者论坛，南方科技大学，深圳，报告题目：Construction of uniform designs and complex-structured uniform designs via combinatorial configurations.

2. 2018.01.03-01.05　2018 南开试验设计论坛，南开大学，天津，报告题目：Experimental Design for Multi-drug Combination Studies Using Signaling Networks.

1. 2017.06.28-07.02　IMS-China 2017，南宁，报告题目：Construction of Sliced Latin Hypercube Designs.

二、分会报告(Contributed Talk)

8. 2018.10.12-10.15　全国试验设计与统计科学研讨会，北京理工大学，北京，报告题目：Construction of uniform designs and complex-structured uniform designs via combinatorial configurations.

7. 2018.04.20-04.22　第四届中国现场统计研究会高维数据统计分会,江西财经大学,南昌，报告题目：Construction of uniform designs and complex-structured uniform designs via combinatorial configurations.

6. 2017.11.24-11.26　第九届 3+X 统计学及其应用 Workshop 2017，北京师范大学珠海分校，珠海，报告题目：Experimental Design for Multi-drug Combination Studies Using Signaling Networks.

5. 2017.09.22-09.24　2017 全国试验设计及其应用研讨会，兰州财经大学，甘肃，报告题目：Experimental Design for Multi-drug Combination Studies Using Signaling Networks.

4. 2016.07.30-08.04　The 2016 Joint Statistical Meetings McCormick Place，芝加哥，报告题目：Experimental Designs for Multi-drug Combination Studies Using Signaling Networks.

3. 2013.12.12-16 试验设计最新进展国际学术会议,广州大学,广州,报告题目： Variable Selection for the Mean Function of Kriging in Computer Experiments.

2. 2013.11.01-03 第三届全国概率统计青年学者会议,江苏师范大学,徐州,报告题目：Variable Selection for the Mean Function of Kriging in Computer Experiments.

1. 2013.07.20-21　中国现场统计研究会第九届代表大会暨2013学术年会,山西财经大学,太原,报告题目：Functionally Induced Priors for Componentwise Gibbs Sampler in The Analysis of Supersaturated Designs.

学术兼职/Scholar Membership

American Statistical Association Member、中国数学会均匀设计分会理事、中国现场统计研究会试验设计分会理事、广西自然科学基金项目同行评审专家、下列期刊审稿人：Journal of the American Statistical Association, Biometrika, Technometrics, Statistica Sinica, Communications in Statistics-Simulation and Computation, Communications in Statistics-Theory and Methods, Journal of Complexity, Mathematical Problems in Engineering, Engineering Optimization, Journal of Civil Engineering and Management，Cogent Mathematics，数理统计与管理，应用概率统计

外语和计算机语言能力/Languages&Computer Skills

英语(English)，阿拉伯语(Arabic)，C 语言，Matlab，R 语言，Latex