

UNESCO/China Great Wall Fellowships Programme
Edition 2024-2025
Experiences and Perspectives

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 - My research field
 - The context of fellowship application
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Logic

The Discipline of Logic



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- A **logic** is a precise model of the notion of consequence.
 - The information A follows from B, C, D, \dots ?
- Many logics $\mathcal{L}_1, \mathcal{L}_2, \mathcal{L}_3, \dots$ have been developed



On the research stay

Research on Logic

- How \mathcal{L}_1 can be classified among $\mathcal{L}_2, \mathcal{L}_3, \dots$ in terms of expressive power and properties linked with computational complexity?

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 - Get feedback and new perspectives

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 - Brazilian National Council for Scientific and Technological Development (CNPq)

Great Wall Fellowships Programme



Interest in the application - Professional reasons

- The CLLC at Peking University
 - Professor Yanjing Wang and other members work on modal logics

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Interest in the application - Broader reasons

- Always wanted to go to China
 - Know more about its rich culture
 - Learn Chinese

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The research stay

The arrival in China

- Straightforward check-in at accommodation and registration at PKU



The research stay

The arrival in China

- Straightforward check-in at accommodation and registration at PKU
- Warm reception by Prof. Wang and other colleagues at CLLC



The research stay

At PKU - Intense activities

- Chinese Annual Conference on Mathematical Logic



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- Weekly Logic seminars

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- Many visiting professors and scholars

北京大學 PEKING UNIVERSITY 逻辑、语言与认知研究中心 Center for Logic, Language and Cognition

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News

Events

Seminars

<https://logic.pku.edu.cn>

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 - Received good feedback
 - Improved my previous work
 - Interesting new research ideas and prospects



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Final considerations

On the experience so far



Final considerations

On the experience so far

- On professional grounds

Final considerations

On the experience so far

- On professional grounds
- On broader aspects of life

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On the experience so far

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Me with Prof. Lev Beklemishev and PhD Student Yunsong Wang at the Great Wall