

**IMS Graduate Summer School in Logic 2026**  
**Week 2 - Lectures by Theodore Slaman**

(6–10 July 2026)

**Lecturers**

William Johnson  
*Fudan University, China*

Theodore A Slaman  
*University of California at Berkeley, USA*

W Hugh Woodin  
*Harvard University, USA*



**Venue**

LT 34

Block S17  
10 Lower Kent Ridge Rd  
Singapore 119076

# IMS Graduate Summer School in Logic 2026

## Week 2 - Lectures by Theodore Slaman

(6–10 July 2026)

### Monday, 6 July 2026

| Time      | Title                       | Speaker                                    |
|-----------|-----------------------------|--|
| 0915–0930 | Registration                |  |
| 0930–1045 | Computable Structure Theory | Theodore Slaman<br><i>UC Berkeley, USA</i> |
| 1045–1115 | Coffee Break                |  |
| 1115–1230 | Computable Structure Theory | Theodore Slaman<br><i>UC Berkeley, USA</i> |
| 1230–1400 | Lunch Break                 |  |
| 1400–1600 | Discussion session          |  |

### Tuesday, 7 July 2026

| Time      | Title                       | Speaker                                    |
|-----------|-----------------------------|--|
| 0915–0930 | Registration                |  |
| 0930–1045 | Computable Structure Theory | Theodore Slaman<br><i>UC Berkeley, USA</i> |
| 1045–1115 | Coffee Break                |  |
| 1115–1230 | Computable Structure Theory | Theodore Slaman<br><i>UC Berkeley, USA</i> |
| 1230–1400 | Lunch Break                 |  |
| 1430–1530 | Discussion session          |  |

### **Student Talks**

|           |  |  |
|-----------|--|--|
| 1530–1600 | Controlling the Skips of Arithmetic Sets     | Taeyoung Em<br><i>University of Wisconsin-Madison, USA</i>               |
| 1600–1630 | Rogers Semilattices of Computable Structures | Alibek Iskakov<br><i>Kazakh-British Technical University, Kazakhstan</i> |

| Wednesday, 8 July 2026 |                             |  |
|------------------------|-----------------------------|--|
| Time                   | Title                       | Speaker                                    |
| 0915–0930              | Registration                |  |
| 0930–1045              | Computable Structure Theory | Theodore Slaman<br><i>UC Berkeley, USA</i> |
| 1045–1115              | Coffee Break                |  |
| 1115–1230              | Computable Structure Theory | Theodore Slaman<br><i>UC Berkeley, USA</i> |
| 1230–1400              | Lunch Break                 |  |
| 1400–1600              | Discussion session          |  |

| Thursday, 9 July 2026 |                             |  |
|-----------------------|-----------------------------|--|
| Time                  | Title                       | Speaker                                    |
| 0915–0930             | Registration                |  |
| 0930–1045             | Computable Structure Theory | Theodore Slaman<br><i>UC Berkeley, USA</i> |
| 1045–1115             | Coffee Break                |  |
| 1115–1230             | Computable Structure Theory | Theodore Slaman<br><i>UC Berkeley, USA</i> |
| 1230–1400             | Lunch Break                 |  |
| 1430–1530             | Discussion session          |  |

| <b>Student Talks</b> |  |   |
|----------------------|--|---|
| 1530–1600            | Some Results in Classical Recursion Theory | Xuanheng Zhao<br><i>Nanjing University, China</i>     |
| 1600–1630            | Reverse Mathematics and Well-quasi-orders  | Luca Facchinetti<br><i>University of Udine, Italy</i> |

| Friday, 10 July 2026 |                             |  |
|----------------------|-----------------------------|--|
| Time                 | Title                       | Speaker                                    |
| 0915–0930            | Registration                |  |
| 0930–1045            | Computable Structure Theory | Theodore Slaman<br><i>UC Berkeley, USA</i> |
| 1045–1115            | Coffee Break                |  |
| 1115–1230            | Computable Structure Theory | Theodore Slaman<br><i>UC Berkeley, USA</i> |
| 1230–1400            | Lunch Break                 |  |
| 1400–1600            | Discussion session          |  |

This schedule is accurate as of 18 Jun 2026 and is subjected to changes.