

## Westlake Beamer Theme

Mingyu Xia <xiamingyu@westlake.edu.cn>

Released 2026-03-04



# INTRODUCTION

---

## Theme Introduction

This is the Westlake Beamer Theme. Different from the basic beamer class, this theme provides

### Highlights

- Decorations at the bottom of the homepage;
- Progress bar with percentage at the north east corner of every slide and section pages;
- Interfaces for modifying the logo, backgrounds, etc.

## The meaning of Westlake

### A freshwater lake

West Lake, also known as Xihu and by other names, is a freshwater lake in Hangzhou, China. Situated to the west of Hangzhou's former walled city, the lake has a surface area of 6.39 km<sup>2</sup> (2.47 mi<sup>2</sup>),<sup>[1]</sup> stretching 3.2 km(2.0 mi) from north to south and 2.8 km(1.7 mi) from east to west.<sup>[2]</sup>

### A private research university

Westlake University is a private research university in Hangzhou, Zhejiang, China.



## USAGE

---

## User Interface

To load this package, under the beamer class, write the line

```
\usetheme[⟨keys⟩]{Westlake}
```

where the supported keys are

- **themergb** =  $\langle fp\ num, fp\ num, fp\ num \rangle$  to config the rgb values (ranges between 0 to 1) of the theme color (Default: {0.132, 0.324, 0.570}).
- **lbadge**, **rbadge**, **logobg**, **mainbg**, **basebg** =  $\langle file \rangle$  to config the graphic files for
  - logo: appears at the right side of every slide,
  - lbadge/rbadge: appears at the north west/east corner of homepage and section pages,
  - main background: appears on homepage and section pages, and
  - base background: appears on other pages, respectively.
- **logobg.op**, **mainbg.op**, **basebg.op** =  $\langle fp\ num \rangle$  to config the opacity of the corresponding graphic (Default: 0.1, 0.16, 0.4).

## Reference

[1] Zhejiang Provincial Bureau of Surveying and Mapping. 2010-09-30.

[2] Overview of the West Lake. Hangzhou Chronicles. Zhonghua Book Company. 1995.



**Thanks for Listening! Any Questions?**

---