

# stage-talk

A fully tagged, accessibility-first theme for ltx-talk

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# The Rise of LaTeX-Based Presentation Systems

- LaTeX introduced precision typesetting for academic publishing.
- Beamer extended LaTeX into structured slide production.
- Mathematics, references, and overlays became natively supported.
- Academic communities adopted Beamer for technical credibility.
- Reproducibility and version control strengthened research workflows.

# Limitations of the Traditional Beamer Model

- Heavy visual themes often conflict with institutional identity.
- Slide-centric logic fragments long-form argument structure.
- Navigation cues are often inconsistent across themes.
- Accessibility and PDF tagging support remain limited.
- Institutional scalability is rarely considered in theme design.

## Why ltx-talk Emerged

- A need for cleaner, restraint-driven academic presentation design.
- Emphasis on structure over animation or decoration.
- Alignment with long-form teaching rather than slide fragments.
- Support for modern PDF standards and accessibility.
- A foundation for institution-wide presentation systems.

# Accessibility and PDF Tagging

- Structured tagging enables screen reader compatibility.
- Semantic section hierarchy improves document navigation.
- Compliance with emerging accessibility standards.
- Improved archival and digital repository integration.
- Forward-looking alignment with inclusive education policies.

## Section-Driven Navigation System

- Header displays all sections upfront for contextual awareness.
- Active section visually distinguished for orientation.
- Outline page automatically reflects document hierarchy.
- Built on a robust two-pass structural logic.
- Compatible with both frame and slide workflows.

# Visual and Structural Restraint

- Durham Purple anchors institutional identity.
- White space is used intentionally for clarity.
- Typography establishes hierarchy without clutter.
- Bullets, spacing, and scaling are adjustable via design knobs.
- Every design element supports pedagogy rather than decoration.

## Scalability and Governance

- Centralized theme file ensures institutional consistency.
- Modular architecture allows controlled future expansion.
- Compatible with research seminars, lectures, and conferences.
- Reduces faculty preparation time through standardization.
- Encourages shared best practices across departments.

## Academic and Reputational Impact

- Enhances perceived academic rigor in public presentations.
- Strengthens visual coherence across faculties.
- Demonstrates commitment to accessibility and inclusivity.
- Supports research dissemination with professional consistency.
- Positions the university as design-conscious and future-ready.

# Conclusion

- The evolution from Beamer to ltx-talk represents structural maturity.
- Accessibility and PDF tagging future-proof academic communication.
- Our theme integrates institutional identity with technical robustness.
- The system is scalable, maintainable, and strategically aligned.
- Adoption establishes a unified standard for academic excellence.

# Thank you!

Questions · Suggestions · Collaboration

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## References

No bibliography entries to display.