

Scientific Quality and Scholarly Standards

The *Professional Standards & Measures* shelf gathers the evolving frameworks, guidelines, and evaluative practices that anchor immersive learning as a recognized, rigorous discipline. It is a place where iLRN and its partners articulate shared definitions of quality, accountability, and professional identity in immersive learning.

This shelf both codifies **what counts as high-quality immersive learning practice** and connects iLRN's work to external bodies (IEEE, IBSTPI, AECT, ISPI, etc.), ensuring our community's contributions are aligned with broader global professional ecosystems. It also provides continuity across our own initiatives — from the Knowledge Tree and Circle of Scholars, to conference peer review, to emerging accreditation pathways.

- [Table of Contents \(Scientific Quality\)](#)

Table of Contents (Scientific Quality)

1. Overview & Vision

- Short framing statement: “What Scientific Quality means for iLRN”
 - Reflection space for Dennis & Jule to articulate their vision
 - Link to Knowledge Tree foundations (roots → trunk → branches as scholarly fields)
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2. Peer Review Frameworks

- **Current Conference Peer Review Process** (criteria, reviewer guidelines)
 - **Rubrics in Development** (A&E, Branch-specific adaptations)
 - **Future Considerations** (double-blind review, open review, AI-assisted review)
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3. Publication Standards

- **SCOPUS Indexing Path** (steps toward inclusion; key milestones)
 - **CORE Rankings Effort** (how iLRN proceedings and journal outputs are positioned)
 - **Transparency & Reproducibility** (open data, preregistration, code sharing)
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4. Hallmarks of Scholarly Quality in Immersive Learning

- **Methodological Rigor** (learning sciences, HCI, design-based research, ethnographic studies)
 - **Game Design & User Experience** (as professional/scholarly hallmarks of quality unique to iLRN’s identity)
 - **Learning Engagement & Outcomes** (as key to successful immersive learning)
 - **Interdisciplinary Breadth** (criteria for cross-field work that strengthens quality)
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5. Living Rubrics & Measures

- Draft space for Dennis & Jule to upload/checklist evolving rubrics
 - Links to Circle of Scholars discussions
 - Placeholder for community feedback and version tracking
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6. Partnership Alignment

- IEEE Technical Committee on Immersive Learning Environments (emerging standards, joint efforts)
 - IBSTPI Competency Framework (instructional design crosswalks)
 - How iLRN quality measures align with broader scholarly/professional organizations
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7. Next Steps & Contributions

- Call for Dennis & Jule to add *iLRN Scientific Quality work to date*
- Placeholder: **“First Positioning Statement Draft”** (short essay ~500 words)
- Notes section for “Future Directions” (community input, open for volunteers)