

Agenda

Sound Metrics Unleashed

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| 8 a.m. | <i>Welcome and coffee</i> | 1 p.m. | Modulation Metrics <ul style="list-style-type: none">• Envelope analysis• Roughness• Fluctuation strength |
| 8:30 a.m. | Sound Quality Overview <ul style="list-style-type: none">• Human hearing• A-weighting• Decibel “rules of thumb”• Audio replay and other software settings | 2 p.m. | <i>Break</i> |
| 9:15 a.m. | Level Based Metrics <ul style="list-style-type: none">• Decibels versus loudness/sones• Stevens, DIN, vs ISO loudness• Articulation index• Speech interference level• Sharpness | 2:30 p.m. | Jury Testing <ul style="list-style-type: none">• Paired comparison, semantic differential• Statistical analysis: Consistency versus concordance |
| 10 a.m. | <i>Break</i> | 3:30 p.m. | <i>End</i> |
| 10:30 a.m. | Transient Metrics <ul style="list-style-type: none">• Wavelets• N10 loudness• Kurtosis | | |
| 11:30 a.m. | Tonal Metrics <ul style="list-style-type: none">• Tonality• Prominence ratio• Tone-to-noise ratio | | |
| Noon | <i>Lunch</i> | | |

Agenda changes will be made at the discretion of Siemens PLM Software