

## Jahresbericht 2018

### TK 87, Ultraschall

Vorsitz: Ernst Marlinghaus, Tägerwilen  
Sekretariat CES: Kurt Würmli, Fehraltorf

Das TK 87 hat die folgenden Dokumente an zwei Sitzungen bearbeitet, zum Teil kommentiert und einer Abstimmung zugeführt:

87/707/CC

"Underwater acoustics - Hydrophones - Calibration of hydrophones, Part 1: Procedures for free-field calibration"

87/692A/RVC

"Underwater acoustics - Hydrophones - Calibration of hydrophones, Part 2: Procedures for low frequency pressure calibration"

87/688A/RVDTS

"Ultrasonics - Field characterisation - Infra-red imaging techniques for determining temperature elevation in tissue-mimicking material and at the radiation surface of a transducer in still air"

87/693A/RVDTS

"Measurement of cavitation noise in ultrasonic baths and ultrasonic reactors"

87/669B/CC

"Amendment 1 - International Electrotechnical Vocabulary- Chapter 801: Acoustics and electroacoustics, Section 32 - Underwater acoustics"

87/691A/CC

"Ultrasonics - Physiotherapy systems - Field specifications and methods of measurement in the frequency range 20 kHz to 0.5 MHz"

87/691/CC

"Ultrasonics - Physiotherapy systems - Field specifications and methods of measurement in the frequency range 20 kHz to 0.5 MHz"

87/699/CDV

"Ultrasonics - Focusing transducers - Definitions and measurement methods for the transmitted fields"

87/702/CC

"Ultrasonics - Non-focusing pressure pulse sources - Characteristics of fields"

87/701/CD

"Ultrasonics - Methods for the characterisation of the ultrasonic properties of materials."

87/676A/CC

"Ultrasonics - Real-time pulse-echo systems - Test procedures to determine performance specifications"

87/636A/RVN

"Ultrasonics - Methods for the characterisation of the ultrasonic properties of materials."

87/700/RQ

"Result of Questionnaire on 87/697/Q: Nomination of Convenor for IEC/TC 87/WG 14"

87/698/RR

"Review Report of IEC 61205:1993 ED1: Ultrasonics - Dental descaler systems - Measurement and declaration of the output characteristics"

87/670A/CC

"Ultrasonics - Focusing transducers - Definitions and measurement methods for the transmitted fields"  
87/694/DL

"List of decisions taken at the meeting of TC 87, held in Olomouc, Czech Republic,"  
87/693/RVDTS

"Measurement of cavitation noise in devices used for ultrasonic cleaning"  
87/676/CC

"Ultrasonics - Real-time pulse-echo systems - Test procedures to determine performance specifications"

Die Sitzungen des Schweizerischen TK 87 und TK 62 wurden wie immer gemeinsam am selben Ort und Tag abgehalten. Wir suchen neue Mitglieder für die Mitarbeit an den Normen sowie für den Vorsitz im TK 87!

(E.M.)