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| ITU logo | INTERNATIONAL TELECOMMUNICATION UNION  **TELECOMMUNICATION STANDARDIZATION SECTOR**  STUDY PERIOD 2017-2020 | | | JCA-MMeS-029 | |
| **JCA-MMeS** | |
| **Original: English** | |
| **Question(s):** | | 28/16 | | Geneva, 8 October 2019 | |
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| **Source:** | | ITU-T SG16 | | | |
| **Title:** | | LS on the work of multimedia brain informatics and new Recommendations from ITU-T SG16 [to ISO/TC 215] | | | |
| **LIAISON STATEMENT** | | | | | |
| **For action to:** | | | ISO/TC215 | | |
| **For comment to:** | | | - | | |
| **For information to:** | | | JCA-MMeS, JCA-AHF | | |
| **Approval:** | | | **ITU-T SG16 meeting (Geneva, 29 March 2019)** | | |
| **Deadline:** | | | 30 September 2019 | | |
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| **Keywords:** | e-health, brain healthcare, multimedia brain informatics, MRI |
| **Abstract:** | This LS informs ISO/TC215 of our work on Multimedia Brain Informatics and the new Recommendations, H.861.0 and H.861.1 and invites ISO/TC215 to submit any information on related areas. |

ITU-T Q28/16 (“e-health”) would like to inform ISO/TC215 that ITU has approved two new Recommendations on brain informatics: [ITU-T Rec. H.861.0](https://www.itu.int/rec/recommendation.asp?lang=en&parent=T-REC-H.861.0) “*Multimedia Brain Information Platform*” and [ITU-T Rec. H.861.1](https://www.itu.int/rec/recommendation.asp?lang=en&parent=T-REC-H.861.1) “*Requirements of establishing Brain Healthcare Quotient*”.

A Brain Healthcare Quotient (BHQ) is a healthcare index derived from neuroimaging analysis and is intended to be used for facilitating the communication of information on brain status, as it is sometimes difficult even for medical professionals to interpret and communicate what is in an image from, e.g., MRI. BHQ is expected to be facilitate the communication about brain among non-professionals and professionals alike and to help such information to be used effectively in everyday life. BHQ represents a quantitative approach to neuroimaging, such MRI and MRS.

Q28/16 is happy also to inform you that it recently held a successful workshop at ITU in Geneva, on such an approach, inviting researchers and experts from the USA, Europe and Japan.

Q28/16 would like to invite ISO/TC 215 to the discussion of such an approach and also to welcome any information on your work items related to brain and brain health.

For your information, ITU-T Q28/16 will meet in Geneva, Switzerland, 13-14 June 2019 in 2019. Your reply will strongly be appreciated.

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