General Information

CME Credits
An application will be made to the EACCME® for CME accreditation of this event.

Duration
IDKD Course: Sunday, April 3 (10.00) – Friday, April 8, 2016 (15.30)

IDKD on the Internet
Visit our website: www.idkd.org for further information, online registration and accommodation bookings. Online registrations and accommodation bookings are accepted from October 2015.

Course Language
English

Venue
Convention Center Davos,
Talstrasse 49A,
CH-7270 Davos-Platz, Switzerland

Course Syllabus
The Syllabus containing the condensed version of the presented workshops is included in the registration fee. IDKD participants will receive a printed version as well as the file on their USB stick.

IDKD Online Cases
The IDKD offers access, with a unique user name/password, to part of the cases submitted by the teachers to online database.

Exhibition
Selected imaging industries will present their products and innovations and give expert advice.

Travel Arrangements
The Official Carrier, Swiss International Air Lines, offers special congress fares. Zurich Airport – Davos: 160km.

Ground Transportation by train
Train connections every hour between 06.00 and 21.00 from Zurich main station and Zurich Airport to Davos-Dorf. Schedule: www.sbb.ch/en

Organisation

Foundation for the Advancement of Education in Medical Radiology

Chairman
Christoph Schmid, Zurich

Members
Thomas Kehl, Davos-Clavadel
Brigit Läubli, Zurich
Walter Weder, Zurich
Christoph L. Zollikofer, Kilchberg (Zurich)

Course Directors
Jürg Hodler, Zurich
Rahel A. Kubik-Huch, Baden
Gustav K. von Schultes, Zurich

International Advisor
Elmar M. Merkle, Basel

Satellite Course Advisors
Gustav K. von Schultes, Zurich, Switzerland
(Nuclear Medicine)
Thierry A. G. M. Huisman, Baltimore, MD, USA
(Pediatric Radiology)
Rahel A. Kubik-Huch, Baden, Switzerland
(Breast Imaging)

Neuro Advisors
Frederik Barkhof, Netherlands
Walter Kucharczyk, Canada

Course Management
E-mail: info@idkd.org
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Future IDKD Courses
IDKD 2015 Asia
Diseases of the Brain, Head and Neck, Spine
June 6–8, 2015, Beijing, China

IDKD 2015 Greece
Diseases of the Abdomen and Pelvis
September 17–20, 2015, Athens, Greece

49th IDKD 2017 Davos
Musculoskeletal Diseases
March 26–31, 2017

Diseases of the Brain, Head and Neck, Spine
April 3–8, 2016
Davos, Switzerland

An Interactive Course in Diagnostic Imaging including Interventional Techniques
Preliminary Program
The participants will attend 20 of 21 different workshops covering the medical imaging approach to the diagnosis of the diseases of the brain, head and neck, spine. The instruction is in groups of approximately 50–60 participants. During workshops, participants first get a brief introduction to the subject and then study case material prepared by the instructors. Participants typically bring their own laptop (PC or Mac) for case viewing. The relevant case will be provided on a USB stick. Participants not bringing their own laptop may make reservations in a classroom equipped with computers for viewing in groups of 3 (extra fee applies). The case viewing is supported by a special software, uniquely developed for IDKD and drawing from the extensive expertise with electronic teaching. Finally, the instructors guide through the cases, discuss different diagnoses, present additional material and ask pertinent questions to the participants. Highlight and Special lectures will complete the scientific program.

Course Objectives:
1. Teach the participants effective approaches in analysing diagnostic imaging challenges in patients with diseases of the brain, head and neck, spine
2. Allow the participants to recognize key imaging features of various diseases through guided self study
3. Teach the participants in which setting which imaging examination is most effective
4. Offer the participants to interact with top international experts in the field of imaging of the diseases of the brain, head and neck, spine

Target audience:
- Radiologists/Nuclear Physicians
- Radiology/Nuclear Medicine residents and fellows
- Interested clinicians, particularly neurologists
- Radiology technicians with advanced competences/interests

Scientific Program

Workshops

1. **Cerebral Neoplasms**
   Edmond A. Knopp, US
   Girish Fatterpekar, US

2. **Mass Lesions of the Brain: a Differential Diagnostic Approach**
   James G. Sminiotopoulos, US
   Michael Brant-Zawadzki, US

3. **Evaluation of Cerebral Vessels**
   Mary E. Jensen, US
   Robert Willinsky, CA

4. **Brain Ischemia**
   Howard A. Rowley, US
   Pedro Vilela, PT

5. **Hemorrhagic Vascular Pathology**
   James Byrne, UK
   Martin Wiesmann, DE

6. **Demyelinating Diseases**
   Kelly K. Koeller, US
   Alex Rovira, ES

7. **Movement Disorders and Metabolic Diseases**
   Marco Essig, CA
   Rolf Jaeger, UK

8. **Neuroimaging in Dementia**
   Mark A. Van Buchem, NL
   Frederik Barkhof, NL

9. **Traumatic Neuroemergency**
   C. Douglas Phillips, US
   Paul M. Parizel, BE

10. **Non-traumatic Neuroemergency**
    John R. Hesslink, US
    Patrick A. Brouwer, NL

11. **Imaging the Patient with Seizures**
    Timo Krings, CA
    Lars Stenberg, SE

12. **Imaging of Cerebral Infections**
    Majda Thurnher, AT
    David J. Mikulis, CA

13a. **Diseases of the Sella and Parasellar Region**
    Walter Kucharczyk, CA

13b. **Diseases of the Sella**
    Charles Truwit, US

14. **Diseases of the Temporal Bone**
    Jan W. Casselman, BE
    Timothy Beale, UK

15. **Oral Cavity, Larynx and Pharynx**
    Hugh D. Curtin, US
    Martin G. Mack, DE

16. **Extracerebral Spaces of the Head and Neck**
    Laurie Loevner, US
    Jenny Hoang, US

17. **Degenerative Diseases of the Spine**
    Michael T. Modic, US
    Johan Van Goethem, BE

18. **Spinal Trauma and Injuries**
    Adam E. Flanders, US
    Pia Maly Sundgren, SE

19. **Degenerative Diseases of the Spine**
    Jeffrey S. Ross, US
    Philippe Damerael, BE

20. **Fetal MRI of the Brain and Spine**
    Thierry A.G.M. Huisman, US
    Martin Van Buchem, NL

21. **Children with Acute Neurologic Deficits: What Has to Be Ruled Out within 2–3 Hours**
    Andrea Rossi, IT
    W. Kling Chong, UK

Front cover:
E. L. Kirchner, Mountain Forest 1918–20,
Oil on canvas
Kirchner Museum Davos
www.kirchnermuseum.ch
Gift of Bruhin-Valtin 1982

Highlight Lectures

1. **Stroke: Basics, Imaging and Treatment**
   Diederik WJ Dippel, NL

2. **Radiomics**
   Elizabeth A. Morris, US

3. **Medicine 2030, Implications for Medical Imaging**
   Jörg Debatin, DE

4. **Dementia: Update 2016**
   Christoph Hock, CH

5. **An Introduction into DITI with Tractography**
   Paul M. Parizel, BE

6. **A New Look at Brain Anatomy and Its Impact on Diagnostics**
   Antonios Valavanis, CH

Special Lectures

1. **Spin Gymnastics**
   Walter Kucharczyk, CA

2. **PET/MR in Brain and Head and Neck Imaging: Early Results**
   Martin Hülner, CH

3. **Molecular and Functional Imaging in Dementia**
   Frederik Barkhof, NL

4. **MR Imaging in Patients with Pacemakers and Other Devices**
   TBC