

Seventh Congress of the International Society for Skin Imaging

Washington DC, United States of America, March 8th, 2001

- Congress Chairmen:
M. Fleming (USA), S. El Gammal (D), A. Zemtsov (USA)
- International Scientific Board:
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7:30 - 11:00	Registration
8:30	Welcome: Matthew Fleming
	Session 1. Pigmented lesions Session Chairs: Willi Stolz
8:35	Overview: Digital and automated epiluminescence microscopy. Klaus Hoffmann
8:55	Short-term digital surface microscopy monitoring of melanocytic lesions. Scott Menzies, Alex Gutenev, Michelle Avramidis, Andrew Batrac, William McCarthy
9:07	Classification of standardized dermatoscopic images of melanocytic lesions obtained from different centers using computerized image analysis with DermoGenius Ultra(R). W. Stolz, R. Pompl, U. Lepski, W. Bunk, G. Morfill, M. Landthaler, U. Matern, A. Horsch, R. Braun, W. Abmayr
9:19	Irregularity index and improved melanoma shape description. Tim K. Lee, David I. McLean and M. Stella Atkins
	Session 2. High resolution sonography and magnetic resonance imaging Session Chairs: Stephan El Gammal, Alexander Zemstov
9:31	Overview: High resolution sonography of the skin. Stephan El Gammal.
9:51	Overview: Magnetic resonance imaging of the skin. Alex Zemstov.
10:11	Coffee Break
10:30	Age- and site-related biomechanical properties of the normal human skin. B. Beaufrère, D. De Queral, S. Stéphan, R. Korichi, JP. Biesse, F. Perin, B. Sechet, C. Heusèle, S. Schnebert

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10:42	Potentials of in vivo MR imaging and spectroscopy for cosmetic tests. F. Vial, F. Perin, JC. Pittet, P. Beau, S. Savard
	Session 3. OCT and in vivo confocal microscopy Session Chairs: Alexander Knüttel, Julia Welzel, Kirstin Sauermann
10:54	Overview: Optical Coherence Tomography of the skin. Alex Knüttel
11:14	Overview: Optical coherence tomography: new developments and applications in dermatology. Julia Welzel
11:34	Overview: In vivo confocal scanning microscopy of skin structures. Kirstin Sauermann
11:54	Imaging of human skin using optical coherence tomography (OCT). Iqbal Sadiq, D. Kligman, T. Stoudemayer, A. M. Kligman
12:06	Skin pathologies and telemedicine: study of lesion evolution (Session 5) P. Nardin, C. Siicu, D. Nita
12:20 - 13:45	Lunch, Posters, Technical Exhibits
	Session 4. Laser Doppler imaging and thermal imaging Session Chairs: Gert Nilsson, Markus Stücker
13:45	Overview: Laser Doppler perfusion imaging - Technology and potential clinical applications. Gert Nilsson.
14:05	Overview: Imaging of the cutaneous microcirculation. Markus Stücker
14:25	Fuzzy logic-based calculation of skin temperature from thermograms F. Perin, S. Van Caenegem, I. Pétain, V. Develay, JC. Pittet, P. Beau, JM. Baret, M. Lebel
	Session 5. Telemedicine, image analysis, computer databases Session Chairs: Stefan Gehlen, William van Stoecker.
14:40	Overview: Image analysis. Stefan Gehlen
15:00	Overview: Image analysis: pigmented lesions, education, telemedicine, and more. William Van Stoecker
15:20	Coffee Break
15:35	Derma2000 - Interactive multimedia dermatology courses for students W. Stolz, H. Popal, N. Arnold, H. Gruber, W. Burgdorf, M. Landthaler

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15:47	A system for skin line pattern photography. M. Dickson, J. C. Bamber
15:59	Quantification of facial texture by image averaging techniques. S. S. Hawkins, J. Andrew, R. I. Murahata, D. I. Perrett, D. M. Burt, B. P. Tiddeman, and R.L. Weinkauff
16:11	Visual features of health skin - A comparison of the evaluation on volunteers and on digital images. S. Lopez, F. Morizot, M. Binder, E. Tschachler
16:23	Digital image analysis of corticosteroid-induced skin vasoconstriction. Eric W. Smith
16:35	Changes in the characteristics of eosin fluorescence from dermal elastic fibers closely correlated with skin aging. Hae-Jun Song, Ki-Sung Kim, Min-Hee Lee
16:47	Quantitative evaluation of patch test result with stereoisometric optical topometer. Chil-Hwan Oh, Seung-Hyun Hong, Jong-Sub Moon, Min-Ki Kim
17:00	ISSI/ISDIS Business Meeting
17:30	Adjourn

Posters

Quantification of skin texture improvement following washing with ultra-mild liquid cleansers. C. L. Meyers, K. Hoyberg, S. Velez, S. L. Wright, S. S. Hawkins

Skin Relief: comparison of an interferometry technique by fringes projection (in vivo and in vitro) and the image analysis of silicones replicas. J. C. Pittet, J. E. Branka, J. J. Servant, B. Séchet, S. Jacob, P. Beau

Interference fringe projection: A new technique for the 3D study of the effects of a treatment on morphological variations of the face surface. J. C. Pittet, S. Raynal, C. Richard, J. J. Servant, C. Musnier, S. Vancaenegem, P. Beau

Chemical imaging of skin structure by infrared microspectrometry using synchrotron radiation. N. Gross, P. Dumas, JM. Ortega, S. Marull, C. Fromageot, A. Barbier, M. Lebel, J. M. Baret

In vivo biomicroscopy of the skin with magnetic resonance imaging and high frequency ultrasound. A. Liffers, M. Vogt, H. Ermert, V. H. v. Diepenbroick, L. Heuser, S. El Gammal

Concepts for high resolution blood flow imaging with high frequency (50 MHz) ultrasound for applications in dermatology. M. Vogt, H. Ermert, K. Hoffmann, M. Stücker, P. Altmeyer, S. El Gammal