ESSKA Presidents
Werner Müller, Ejnar Eriksson, Sjung Hermans
and the Congress President
Peter Hertel
are inviting you sincerely for the

6th Congress
of the

European Society of
Sports Traumatology,
Knee Surgery and
Arthroscopy

The congress will be held at the ICC (International Congress Center) in Berlin, which hosted the first ESKA conference in 1984.
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SOCIAL PROGRAM

Berlin Background Information Tour
The Bröhan Museum
Boat Cruise including the Pergamon Museum
Film City Berlin –
The Defa-Film Studios in Babelsberg
Potsdam Parks, Palaces and City Tour
Charlottenburg Palace and the Egyptian Museum
"Contemporary Baltic Photography”/
The Martin-Gropius-Bau
Berlin’s Urban Architecture Tour

EXHIBITORS

SPONSORS

ESSKA BOARD AND SPEAKERS
The idea for this congress was born in Berlin. In 1984, the first congress met in our city. I am very pleased that, after a tour through Europe, the organisers have returned to Berlin for the 6th congress.

I extend a warm welcome to all those who are meeting in our city at the invitation of the European Society of Sports Traumatology, Knee Surgery and Arthroscopy.

Many famous names in medical history are associated with Berlin. I am pleased that, with this congress, once again many international scientists are coming together here.

The program promises interesting papers and demonstrations. A broad dialogue of experts from many countries is a good basis for further progress in this specialised medical field to the benefit of many patients.

I welcome the fact that, after a demanding scientific program, you will also have the time and opportunity to get to know our city, and wish you pleasant days in Berlin.

[Signature]
Welcome

ESSKA Congresses have become a biennial use for many of us. Choosing Berlin again ESSKA, has pointed at its young tradition:

The first ESKA Congress (still without the S for Sports Traumatology) was organized 10 years ago in Berlin, mostly due to the support the city had given trying to attract visitors. Times have changed – the city of Berlin has changed – has ESSKA changed to be better than before?

We are sure you will have a lot of scientific fun and practical expertise – join us freely.

Yours sincerely

Sjung Hermans
- ESSKA president -

Peter Hertel
- Congress president -
General information for participants

Congress chairman         Peter Hertel, M. D.,
                          Martin-Luther-Hospital,
                          Caspar-Theyss-Strasse 27, D-14193 Berlin,
                          Telefon (030) 89 55-30 25
                          Telefax (030) 825 23 31

Congress co-chairman      Manfred Bernard, M. D.,
                          Martin-Luther-Hospital,
                          Caspar-Theyss-Strasse 27, D-14193 Berlin,
                          Telefon (030) 89 55-30 25
                          Telefax (030) 825 23 31

Congress and              INTERCONGRESS GmbH
administrative secretariat/
general information       Diana Kraus
                          Krautgartenstraße 30
                          65205 Wiesbaden/Germany
                          Tel.:  ++49 (06 11) 977 16-30
                          Fax:  ++49 (06 11) 977 16-16

Congress Center           International Congress Center (ICC)
                          Messedamm 22, D-14055 Berlin

Congress Telephone        ++49 / 30 / 3038 – 50 10

Opening Ceremony          Monday, April 18, 1994
                          09.00 – 09.10 h

Scientific Program
  – Lectures
    Monday, April 18, 1994
    09.15 – 18.20 h

    Tuesday, April 19, 1994
    08.00 – 17.10 h

    Wednesday, April 20, 1994
    08.00 – 17.35 h

  – Courses
    Thursday, April 21, 1994
    08.00 – 18.00 h

    Friday, April 22, 1994
    08.00 – 18.00 h

Language                  The official language of the congress is English.
                          Simultaneous translation into German will be provided
                          during the congress.

Slides                    Speakers are kindly requested to hand their slides to the
                          projectionist at the Slides Counter in the ICC,
                          30 minutes prior to the relevant session. Slides should be
                          marked with the speaker's name.
Attendance Certificate

Each participant will find a "Certificate of Attendance" within his Congress map.

Congress Registration / Hospitality Desk

Sunday, April 17, 1994  14.00 – 18.00 h
Monday, April 18, 1994  08.00 – 18.00 h
Tuesday, April 19, 1994  07.30 – 18.00 h
Wednesday, April 20, 1994  07.30 – 18.00 h
Thursday, April 21, 1994  07.30 – 18.00 h
Friday, April 22, 1994  07.30 – 17.00 h

Congress fees

Apply for one course only!

Scientific Program (3 days)  DM 600,—
Courses (2 days)  DM 600,—
Combination (5 days)  DM 1.100,—

- Participants from Eastern Europe and the former East Germany  50% reduction.
- M.D.'s and students under the age of 30  50% reduction.

Videos

Video presentations can be watched each lecture day from 9.00 – 17.00 h.
The authors of the videos are present in the video room for discussion from 13.00 – 14.00 h on Tuesday and Wednesday.

Posters

Poster exhibition is in Saal 4/5 each lecture day from 9.00 – 17.00 h.
The authors of the posters are present in Saal 4/5 for discussion from 13.00 – 15.00 h on Tuesday and Wednesday.

Social program

Senate Reception and “Get together”-Party,
Monday, 18.15 – 21.00 h, Foyer, ICC,
for all delegates and accompanying persons

Congress Banquet
Tuesday, 19.30 – 01.00 h,
Hotel InterContinental, Berlin, Saal Potsdam,
(dinner included, beverages not included)

Further details see “Social program” on page 48ff.
Public transportation from/to the Congress Center

Busses: No. 149, 110, 105, 104
Subway: Kaiserdamm and Theodor-Heuss-Platz
Elevated City Railway (S-Bahn): Westkreuz

Restaurants

“Pullmann” Restaurant in the ICC
“Nipkow” (Self-Service) in the ICC
Steak-House “Asado” at the Hotel Ibis
“China-Garden” at the Hotel Ibis
(The Hotel Ibis is situated opposite the ICC)

Bank

At the entrance of the main foyer in the ICC

Hotel reservation

At the ESSKA registration counter in the ICC
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<td>Uni versus Total Knee System Failure of Knee Arthroplasty</td>
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LECTURE DAYS

Monday, April 18, Saal 2

09.00 – 09.10 OPENING CEREMONY
P. Hertel, Germany
S. Hermans, Netherlands

ANATOMY OF KNEE LIGAMENTS

Chairmen:
J. A. Feagin, USA
W. Müller, Switzerland

(M. O’Brien, Ireland)

09.35 – 10.05 Age related distribution of elastic system fibers in the knee.
(A. Gigante, L. de Palma, S. Nori, P. Paladini, Rome, Italy)

3 Intercondylar notch width and the risk for anterior cruciate ligament rupture in female team handball players. A case control study.
(H. Lund-Hanssen, L. Engebretsen, K. J. Holen, J. Gannon, Trondheim, Norway)

4 Occurrence and distribution of free nerve endings in the distal iliotibial tract system of the knee.
(Ph. Lobenhoffer, R. Biedert, E. Stauffer, C. Lattermann, Hannover, Germany)

5 Nerve supply of cryopreserved anterior cruciate ligament allografts.
(B. Fromm, Heidelberg, Germany)

10.05 – 10.20 DISCUSSION

10.20 – 10.50 BREAK

ISOMETRY AND STABILOMETRY

Chairmen:
G. Cerulli, Italy
D. Dandy, United Kingdom

10.50 – 11.05 Invited lecture: Positioning and isometry in ACL surgery.
(A. Amis, United Kingdom)

11.05 – 11.20 Invited lecture: Positioning and isometry in PCL surgery.
(R. Jakob, Switzerland)

11.20 – 11.50 ACL reconstruction: A randomized study of tunnel position using two techniques.
(G. Zacherotti, P. Aglietti, P. M. Menchetti, R. Buzzi, Florence, Italy)

9 Instrumental Lachman test comparison between two arthrometers.
Intraoperator and interoperator reproducibility.
(M. Denti, M. Monteleone, C. Trevisan, A. Milella, E. Marinoni, Monza, Italy)

16
Stabilometric evaluation before and after ACL reconstruction.  
(G. Cerulli, G. Bensi, R. Zucchetti, G. Aisa, Terni, Italy)

An analysis of PCL fibre bundle actions in resisting posterior drawer.  
(A. Amis, A. Race, London, United Kingdom)

11.50 – 12.10 Invited lecture: **ACL strain and strength – in vivo and post mortem studies.**  
(R. Johnson, USA)

12.10 – 12.30 DISCUSSION

**MINI BATTLE**

Chairman:  
D. Johnson, United Kingdom

12.35 – 13.05 **Isometry testing during ACL surgery.**  
(N. Friederich, Switzerland)

13.05 – 14.30 BREAK

**ACUTE FRACTURE SURGERY**

Chairmen:  
P. Casteleyn, Belgium  
A. Rahamzadeh, Germany

14.30 – 14.50 Invited lecture: **Acute fracture surgery**  
(N. Haas, Germany)

14.50 – 15.10 Arthroscopically controlled osteosyntheses of joint fractures.  
(H. Kiefer, G. Hehl, M. Richter, U. Becker, Ulm, Germany)

15.10 – 15.30 Invited lecture: **Reconstruction of old fractures of the tibia plateau.**  
(R. Marti, Netherlands)

(Ph. Lobenhoffer, H. Tschere, Hannover, Germany)
15.40 – 16.00 Invited lecture: **Avulsion injuries of the knee in adolescents.**
(P. Aichroth, United Kingdom)

16.00 – 16.15 Diagnosis of apophyseal injuries by ultrasound.
(D. Lazovic, U. Wegner, Hannover, Germany)

Avulsion fractures of the tibia attachment of the ACL –
Arthroscopic refixation with cannulated titanium screws.
(K. Goiser, T. Klestil, G. Sperner, H. Resch, Innsbruck, Austria)

16.15 – 16.30 DISCUSSION

16.30 – 17.00 BREAK

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**ACUTE LIGAMENT SURGERY**

Chairmen: B. Casey, Australia
A. van Kampen, Netherlands

17.00 – 17.20 Invited lecture: **Acute ligament surgery.**
(G. Puddu, Italy)

17.20 – 18.05 ACL suture in comparison to ACL plasty –
a 5 years follow-up study.
(D. Träger, W. Tschirner-Hierling, K. Pohle, Kassel, Germany)

Conservative treatment of ACL injuries in the general population.
(P. P. Casteleyn, F. Handelberg, Bruxelles, Belgium)

Nonoperative treatment of medial instability and anterior cruciate ligament reconstruction in acute anteromedial instabilities of the knee joint.
(M. Schierl, J. Petermann, P. Trus, L. Gotzen, Marburg, Germany)

MRI findings of the associated injuries in recent anterior cruciate ligament tears.
(T. Hoshi, S. Harata, Y. Okamura, A. Handa, Hiroaki, Japan)

Semitendinosus augmentation of acute patellar tendon repair with immediate mobilization.
(R. V. Larson, P. T. Simonian, Seattle, USA)

Augmented repair and early mobilization of acute anterior cruciate ligament injuries: a 5 to 7 years follow up.
(H. Paessler, J. Deneke, Heidelberg, Germany)

18.05 – 18.20 DISCUSSION
MENISCUS PROBLEMS

Chairmen: E. Eriksson, Sweden
R. Verdonk, Belgium

09.30 – 09.50 Invited lecture: **Meniscus suture techniques**
(E. Eriksson, Sweden)

09.50 – 10.10 Invited lecture: **Meniscus partial resection**
(A. B. Nielsen, Denmark)

10.00 – 10.10 Invited lecture: **Meniscus partial resection – late results**
(A. B. Nielsen, Denmark)

(P. Albrecht-Olsen, G. Kristensen, P. Burgaard, U. Jorgensen, Hellerup, Denmark)

15 year follow-up of arthroscopic partial meniscectomy.
(R. Burks, M. Metcalf, R. W. Metcalf, Salt Lake City, USA)

10.25 – 10.40 DISCUSSION

10.40 – 11.10 BREAK

MENISCUS TRANSPLANTATION

Chairmen: A. Gächter, Switzerland
C. Wirth, Germany

11.10 – 11.30 Invited lecture: **Meniscus transplantation**
(R. Verdonk, Belgium)

11.30 – 11.55 Insertion site anatomy of the human menisci: gross arthroscopic and topographical anatomy as a basis for arthroscopic meniscal Transplantation.
(D. L. Johnson, T. M. Swenson, Ch. H. Harner, P. H. Fu, Lexington, USA)

Meniscal transplantation: Cryopreserved versus deep-frozen allografts.
An experimental study.
(C. Fabbriciani, L. Lucania, A. Panni, G. Milano, S. Franzese, A. Delcogliano, Rome, Italy)

Bone tunnel histology of an autogenous tissue meniscus scaffold in the canine stifle joint.
(T. Vail, J. A. Feagin, T. Koukoubis, Durham, USA)

11.55 – 12.10 DISCUSSION
MINI BATTLE
Chairman: P. Hertel, Germany
12.15 – 12.45 Preoperative MRT in meniscus surgery.
(M. P. Heijboer, Rotterdam, Netherlands)
12.45 – 13.05 No preoperative MRT in meniscus surgery.
(R. Verdonk, Gent, Belgium)

LIGAMENT HEALING
Chairmen: K. P. Benedetto, Austria
K. Steinbrück, Germany
12.45 – 13.05 Invited lecture: Physiology of ligament healing.
(S. Woo, USA)
13.05 – 13.20 Alterations of glycosaminoglycans during patellar tendon
autograft healing after cruciate ligament replacement.
(U. Bosch, N. Gassler, H. J. Oestern, H. Tscherne, Hannover, Germany)
13.20 – 13.30 DISCUSSION
13.30 – 14.30 BREAK

LASER IN ARTHROSCOPY
Chairmen: P. Beaufils, France
H. U. Staubli, Switzerland
14.30 – 14.50 Invited lecture: Laser in arthroscopy
(W. Siebert, Germany)
14.50 – 15.10 Healing of cartilage lesions caused by treatment with excimer laser
and mechanical instruments in the rabbit model.
(W. Puhl, R. Fischer, Ulm, Germany)
14.50 – 15.10 Objective assessment of laser assisted arthroscopy.
(D. Barrett, G. Bentley, Middx, United Kingdom)
15.10 – 15.20 DISCUSSION
SYNOVIAL SURGERY

Chairmen: 
P. Chambat, France  
R. K. Miehlke, Germany

15.25 – 15.45 Invited lecture: **Synovial Surgery**  
(I. Kramers, U. Munzinger, Switzerland)

15.45 – 16.10 Results of arthroscopic segmental resection of symptomatic mediopatellar plica and a new grading system.  
(Ö. Taser, A. Gögüs, A. Alturfan, Istanbul, Turkey)

Arthroscopic synovectomy of synovial tuberculosis of the knee joint.  
(T. Motycka, F. Landsiedl, Vienna, Austria)

Arthroscopic versus open synovectomy of the rheumatoid knee:  
5 years clinical, echographic and MR (Gadolinium) follow-up.  
(C. M. Baldovin, C. Mariani, F. Marconi, G. Moras, L. Nogarin, Padova, Italy)

16.10 – 16.20 DISCUSSION

16.20 – 16.50 BREAK

SHOULDER ARTHROSCOPY

Chairmen: 
E. Eriksson, Sweden  
H. Resch, Austria

16.50 – 17.10 Invited lecture: **Shoulder arthroscopy**  
(G. Walch, France)

17.10 – 18.10 Arthroscopic shoulder stabilization with help of Mitek anchors.  
(F. Hoffmann, G. Reif, Rosenheim, Germany)

Arthroscopic assessment of the unstable shoulder.  
(B. Hintermann, A. Gächter, M. Speck, Basel, Switzerland)

The rotator interval lesion-fiction or clinically significant reality?  
(M. Lehmann. P. Habermeyer, A. Werner, Stuttgart, Germany)

Arthroscopic treatment of the traumatic acute anterior dislocation of the shoulder.  
(G. Cerulli, V. Buompadre, E. Trinches, M. Perrotta, Terni, Italy)

Arthroscopic suture repair for recurrent anterior traumatic shoulder instability.  
(W. J. Willems, H. Penterman, Alkmaar, Netherlands)
A comparison of arthroscopic reconstruction with open surgical closing of massive tears of the rotator cuff.
(B. Fleega, Bonn, Germany)

Open versus arthroscopic anterior acromioplasty – is the demanding technique counterbalanced by the results?
(W. Kleschpis, R. Reschauer, Linz, Austria)

Open versus arthroscopic Bankart repair in anterior shoulder instability.
(G. Sperner, K. Golser, T. Klestil, H. Resch, Innsbruck, Austria)

18:10 – 18:30 DISCUSSION
AUTOLOGOUS LIGAMENT RECONSTRUCTION

Chairmen:  P. Hertel, Germany
           K. D. Shelbourne, USA

08.00 – 08.20 Invited lecture: **Autologous ligament reconstruction of the knee**
               A. Schiavone Panni, Italy

08.20 – 08.40 Invited lecture: **Varus gonarthrosis and ACL reconstruction**
               A. Gächter, Switzerland

08.40 – 09.30 Anterior cruciate ligament reconstruction with semitendinosus
               or patellar tendon. A comparison between two methods.
               *(S. Wachtl, A. Imhoff, W. Treibel, M. Rodriguez, Zürich, Switzerland)*

       ACL-Replacement with mid-third of ligamentum patellae – a five year
               follow-up.
               *(A.-M. Weinberg, H. Reilmann, Braunschweig, Germany)*

       Bone block fixation with resorbable interference screws. A MRI and
               immunohistochemical study.
               *(M. Toljan, E. Orthner, M. Reichel, Weis, Austria)*

       Serial magnetic resonance imaging of patellar tendon ACL autograft
               during the first postoperative year.
               *(S. Sintzoff, S. A. Le Naelou, S. Matos, P. Delincé, Bruxelles, Belgium)*

       Pullout strength of tibial graft fixation in ACL-replacement with a
               patellar tendon graft: A comparative biomechanical study.
               *(T. Gerich, A. Cassim, H. Tscherne, Hannover, Germany)*

       Clinical, radiological and MRI outcomes in relation with ACL graft
               placement.
               *(P. Djian, P. Christel, B. Roger, J. Witvoet, Paris, France)*

       The scientific basis for the management of contaminated bone-tendon
               grafts: The serial dilution/mechanical agitation technique.
               *(R. Parker, Cleveland, USA)*

09.30 – 09.45 DISCUSSION

09.45 – 10.15 BREAK
MINI BATTLE
Chairman: M. Bernard, Germany
10.15 – 10.45 Fluoroscopic control during surgery of ACL
(H.-U. Stäubli, Switzerland)
10.45 – 10.50 No fluoroscopic control during surgery of ACL
(A. Kentsch, Spain)

AUTOLOGOUS LIGAMENT RECONSTRUCTION
Chairmen: F. Fu, USA
U. Munzinger, Switzerland
10.50 – 11.10 Invited lecture: Revision surgery after failed ACL reconstruction.
C. Wirth, Germany
11.10 – 11.25 Postoperative problems following anterior cruciate ligament
reconstruction.
(L. Almekinders, T. Moore, D. Freedman, Chapel Hill, USA)
11.25 – 11.35 DISCUSSION
11.35 – 13.00 GENERAL ASSEMBLY ESSKA
Presentation of the ESSKA Travelling Fellows 1993
The travelling scientific route.
(N. Friederich, Basel, Switzerland)
Social events.
(J. Huylebroeck, Tornat, Belgium)
The ideal travelling fellow.
(D. P. Johnson, Bristol, United Kingdom)
Presentation of Prize Winners.
– Theo van Rens Prize
– Young Researchers Prize
– Innovation Prize
– Poster Prize
– Video Prize
13.00 – 14.00 BREAK

LATERAL AND POSTERIOR INSTABILITY
Chairmen: J. Bergfeld, USA
N. Friederich, Switzerland
14.00 – 14.20 Invited lecture: Posterior instability
(W. Müller, Switzerland)
14.20 – 14.40 Invited lecture: Anatomy and reconstruction in posterolateral
instability
(H. U. Stäubli, Switzerland)
(F. W. Hagen, W. Plitz, G. Mohlberger, C. Carl, München, Germany)

15.10 – 15.25  DISCUSSION

15.25 – 16.00  BREAK

**ALLOGRAFTS IN LIGAMENT SURGERY**

Chairmen:  
M. Denti, Italy  
H. Eikelaar, Netherlands

16.00 – 16.20  Invited lecture: **Allografts in ligament surgery of the knee.**  
(F. Fu, USA)

(M. Goertzen, A. Dellmann, K.-P. Schulitz, Düsseldorf, Germany)

16.50 – 17.05  DISCUSSION
MINI BATTLE

Chairman: E. Eriksson, Sweden

11.05 – 11.35 Nonoperative treatment of acute fibular ligamentum rupture
(P. Renström, USA)

Operative treatment of acute fibular ligamentum rupture
(C. N. van Dijk, Netherlands)

11.35 – 13.00 GENERAL ASSEMBLY ESSKA (Saal 2)

13.00 – 14.00 BREAK

SHOULDER INSTABILITIES AND DISLOCATIONS/CLAVICULAR FRACTURES

Chairmen: P. Habermeyer, Germany
            W. J. Willems, Netherlands

14.00 – 14.20 Invited lecture: Shoulder instabilities
            (G. Declercq, Belgium)

14.20 – 14.40 Invited lecture: Shoulder dislocations
            (A. Resch, Austria)

14.40 – 15.10 Diagnostic evaluation of glenoid labrum tears in athletes with MRI.
            A comparative study with arthroscopy.
            (P. A. Suder, K. Hougaard, E. Lunddorf, L. H. Frich,
            Randers, Denmark)

15.10 – 15.25 DISCUSSION

15.25 – 16.00 BREAK
16.00 – 16.20 Invited lecture: **Clavicular fractures**
(F. Burny, F. Schwind, M. Donkerwolcke, Belgium)

16.20 – 16.30 Reconstruction of grade III AC-Joint separations with resorbable coracoclavicular banding-technique and results.
(R. Fremerey, U. Bosch, H. C. Pape, E. Freudenberg, Hannover, Germany)

16.30 – 16.35 DISCUSSION

**MINI BATTLE**
Chairman: F. Burny, Belgium

16.40 – 17.10 **Nonoperative treatment of clavicular fractures**
(R. Marti, Netherlands)

**Operative treatment of clavicular fractures**
(J. H. Villarubias, M. Ribas, Spain)
ARTIFICIAL LIGAMENTS AS PROSTHESES

Chairmen: B. Engström, Sweden
          J. van Overschelde, Belgium

08.00 – 08.20 Invited lecture: **Prosthetic ligaments**
          (D. Dandy, United Kingdom)

08.20 – 08.55 Comparative animal study of four ligament prostheses for
          ACL replacement.
          *(L. Dürselien, L. Claes, A. Ignatius, S. Rübenacker, Ulm, Germany)*

          Measurement of elongation and stress relaxation in various synthetic
          ligaments.
          *(R. Kdolsky, R. Schabus, Vienna, Austria)*

          Results of the surgical treatment of prosthetic knee ligament
          failures.
          *(P. Christel, E. Mascard, J. Witvoet, Paris, France)*

          Which factors have an influence on the development of degenerative
          osteoarthritis after ACL-surgery?
          *(K. Küllmer, R. Letsch, B. Turowski, Essen, Germany)*

08.55 – 09.10 DISCUSSION

ARTIFICIAL LIGAMENTS AS AUGMENTATION

Chairmen: P. Fowler, Canada
          H. Pässler, Germany

09.15 – 09.35 Invited lecture: **Artificial ligaments as augmentation**
          (B. Moyen, France)

09.35 – 09.55 Load sharing between freeze-dried fascia lata and a new
          augmentation device; experimental determination.
          *(M. Zimmermann, D. G. Avet, Munsingen, Switzerland)*

          Medium term results of ligamentoplasty of the anterior cruciate
          ligament using the Mac-Intosh procedure, reinforced by the Kennedy
          LAD: 173 cases with a 4 – 8 years follow-up
          *(D. Saragaglia, J. M. Leroy, S. Picot, B. Savage, Y. Tourne,
            M. Abu al Zahab, Echirolles, France)*
120  Does a parallel augmentation protect a patella tendon graft for ACL replacement?  
(L. Dürselen, P. Wirz, R. Jakob, L. Claes, Ulm, Germany)

09.55 – 10.05  DISCUSSION
10.05 – 10.30  BREAK

MINI BATTLE
Chairman:  L. Claes, Germany
10.30 – 11.00  Artificial augmentation in ACL surgery  
(P. Fowler, Canada)
121  No artificial augmentation in ACL surgery  
(P. Chambat, France)

ACL REHABILITATION
Chairmen:  P. Aglietti, Italy  
M. Johnson, Australia
11.05 – 11.25  Invited lecture: ACL Rehabilitation  
(K. D. Shelbourne, USA)
123
11.25 – 11.55  Rehabilitation of anterior cruciate ligament deficiency:  
a randomized clinical trial.  
(D. Beard, C. Dodd, H. Trundle, A. Simpson, Oxford, United Kingdom)
124
11.55 – 12.05  DISCUSSION
MINI BATTLE

Chairman: P. Renström, USA

12.10 – 12.40 **Bracing after ACL surgery**  
(J. Eichhorn, Germany)

12.40 – 14.00 BREAK

DONOR SITE PROBLEMS

Chairmen: D. P. Johnson, United Kingdom  
H. Reflor, Germany

14.00 – 14.20 Invited lecture: **Donor site problems in autografting**  
(S. Hermans, Netherlands)

14.20 – 14.50 Donor site problems by using the contralateral patellar tendon for  
ACL reconstruction  
(V. Knorr, F. Russ, S. Rose, W. E. Mutschler, Homburg, Germany)

Donor site morbidity after harvest of the bone-tendon-bone patellar tendon autograft.  
(D. Kohn, A. Sander-Beuermann, Hannover, Germany)

Patellar tendon harvesting – defect closure or not? An experimental biomechanical study.  
(W. Kasperczyk, H. J. Oestern, H. Tscherne, Hannover, Germany)

14.50 – 15.00 DISCUSSION

MINI BATTLE

Chairman: K. P. Benedetto, Austria

15.05 – 15.35 **Open ACL surgery**  
(K. D. Shelbourne, USA)

15.35 – 16.00 BREAK
PROSTHESES VERSUS OSTEOTOMY

Chairmen: F. Escalas, Spain
            U. Munzinger, Switzerland

16.00 – 16.20 Invited lecture: Prostheses versus osteotomy
            (L. Lootvoet, Belgium)

16.20 – 17.20 5 – 7 year evaluation of cementless total knee replacements
              in unselected cases of osteoarthritis and rheumatoid arthritis.
              (P. T. Nielsen, E. B. Hansen, K. Rechnagel, Hillerod, Denmark)

138 Bilateral total knee arthroplasty: simultaneous or staged?
       (E. Funke, U. Munzinger, T. Drobny, Zürich, Switzerland)

139 Cementless total knee arthroplasty in rheumatoid arthritis.
       (H. M. Schroder, K. Aaen, E. B. Hansen, P. T. Nielsen, K. Rechnagel,
       Hillerod, Denmark)

140 Unicompartmental knee replacement – 10 years mean follow-up.
            (P. Cartier, J. L. Sanouiller, Les Lilas, France)

141 Arthroscopic debridement of osteoarthritic knee with osteotomy like effect.
       (J. Lowe, A. Finsterbush, G. Mann, G. Haimsky, Jerusalem, Israel)

142 Total knee prostheses scoring system and survival curve analysis.
       (P. Y. Zambelli, P. F. Leyvraz, Lausanne, Switzerland)

143 Long-term patello-femoral outcome after high tibial valgus osteotomy.
       (E. Mascard, J. Witvoet, P. Christel, Paris, France)

144 Effect of the angular correction of the mechanical axis on long-term results of high tibial osteotomy for medial osteoarthritis.
       (E. Mascard, P. Christel, J. Witvoet, Paris, France)

17.20 – 17.35 DISCUSSION
OVERUSE SYNDROMES

Chairmen: S. Hermans, Netherlands
L. Kalabay, Hungary

08.00 – 08.20 Invited lecture: Overuse syndromes
(S. Örava, Finland)

08.20 – 08.50 Radiological and MRI analyses of the morphology patellar tendinitis.
(D. P. Johnson, I. Watt, Bristol, United Kingdom)

Patellar tendinitis. A clinical Review.
(Z. Duri, P. Aichroth, London, United Kingdom)

Strain-related long-term changes of the menisci in asymptomatic
recreational athletes.
(J. Jerosch, J. Steinbeck, M. Schröder, J. Assheuer,
Münster, Germany)

Arthroscopic treatment of overuse-syndrome in the wrist of tennis
players.
(R. Schabus, R. Weinstabl, Vienna, Austria)

08.50 – 09.00 DISCUSSION

09.00 – 09.20 Invited lecture: Spine diseases in sports.
(F. Postachini, Italy)

09.20 – 09.30 Spondylolysis of the lumbar spine in young athletes.
(N. Specchia, L. Aulisa, C. Focacci, M. Galli, Rome, Italy)

09.30 – 09.35 DISCUSSION

09.35 – 10.00 BREAK

MUSCLE AND TENDON LESIONS

Chairmen: G. Puddu, Italy
J. King, United Kingdom

10.00 – 10.20 Invited lecture: Muscle lesions
(M. Järvinen, Finland)

10.20 – 10.40 Invited lecture: Tendon ruptures
(M. Kvist, Finland)
10.40 – 11.05 An EMG study of arm muscles during climbing.  
   (T. Koukoubis, L. Cooper, R. R. Glisson, J. A. Feagin,  
   Durham, USA)

11.05 – 11.20 DISCUSSION

MINI BATTLE
Chairman: R. Marti, Netherlands

11.25 – 11.55 Non operative treatment of achilles tendon ruptures  
   (H. Zwipp, Germany)

11.55 – 11.57 OPERATIVE TREATMENT OF ACHILLES TENDON RUPTURES
   (F. Escalas, Spain)

HIP ARTHROSCOPY
Chairmen: A. Gächter, Switzerland  
           K. Wirth, Germany

12.00 – 12.20 Invited lecture: Hip arthroscopy  
                  (R. Vílar, United Kingdom)

12.20 – 12.30 The place of arthroscopy in the management of acute injury to  
                  hip joint.  
                  (G. A Nemes, Z. J. Tóth, Békéscsabé, Hungary)

12.30 – 12.35 DISCUSSION

12.35 – 14.00 BREAK

MINI BATTLE
Chairman: W. Pförringer, Germany

14.00 – 14.30 Running is good for hips  
              (W. Noack, Germany)

14.30 – 14.00 Running is bad for hips  
              (J. Lowe, Israel)
PATELLA PROBLEMS

Chairmen: M. Bernard, Germany
           J. Sandelin, Finland

14.35 – 15.20 The double-patella syndrome.
(M. Cipolla, V. Franco, E. Gianni, G. Puddu, Rome, Italy)

164 Acute patellar dislocation – arthroscopic repair of the medial retinaculum.
(N. Schäfer, M. Lehmann, W. Müller, Basel, Switzerland)

165 Results in the treatment of recurrent dislocation of the patella after 30 years follow-up.
(F. Iacono, M. Marcacci, A. Visani, M. P. Neri, Bologna, Italy)

166 Advancement of the tibia tubercle for chronic retropatellar pain. Long-term results.

167 Kinematic and dynamic axial computerized tomography of the patellofemoral joint in patients with anterior knee pain.
(H. Pinar, O. Karaoglan, D. Akseki, I. Genc, Izmir, Turkey)

(J. Vallotton, R. Meuli, P.-F. Leyvraz, M. Landry, Lausanne, Switzerland)

15.20 – 15.35 DISCUSSION

15.35 – 16.00 BREAK
OSTEOCHONDRAL PROBLEMS/MISCELLANEOUS

Chairmen: W. Noack, Germany
H. Seiler, Germany

16.00 – 16.30 Evaluations of cartilage thickness of femoral condyle by preoperative sonography.
(J. U. Osel, H. H. Paul, T. M. Hirsch, Sommerfeld, Germany)

Blood supply of the femoral condyle.
(J. Hassenpflug, Kiel, Germany)

Repair of partial thickness articular cartilage lesions.
(E. B. Hunziker, L. C. Rosenberg, Bern, Switzerland)

The osteoid osteoma in the differential diagnosis of the persistent joint pain in young patients.
(A. Georgoulis, P. N. Soucacos, A. E. Beris, M. A. Xenakis, Ioannina, Greece)

16.30 – 16.45 DISCUSSION

(K.-A. Riel, P. Bernett, München, Germany)

Knee arthroscopy in patients over 50 years of age – a multicenter prospective study.
(J. Thiery, O. Cornu, Ottignies, Belgium)

Opioids as novel intraarticular agents for analgesia following arthroscopic knee surgery.
(K. Lehrberger, Ch. Stein, München-Unterhaching, Germany)

(P. Fowler, C. A. Moote, A. Miniaci, A. Amendola, M. Rajasingham, London, Canada)

17.15 – 17.30 DISCUSSION
COURSE DAYS

Thursday, April 21, Saal 14.2

OPEN AND ARTHROSCOPIC SURGERY OF KNEE AND ANKLE

Chairmen: W. Müller, Switzerland
Th. Münch, Switzerland

08.00 – 08.05 Introduction
(W. Müller, Basel, Switzerland)

KNEE PREPARATION

08.05 – 08.30 Vessels and nerves
(B. Vuilleumier, Yverdon les Bains, Switzerland)

08.30 – 09.00 Medial and dorsal ligamentous structures
(R. P. Jakob, Bern, Switzerland)

09.00 – 09.30 Lateral and ventral ligamentous structures
(H. U. Stäubli, Bern, Switzerland)

09.30 – 10.00 Intraarticular structures
(N. Friederich, Basel, Switzerland)

10.00 – 10.30 Discussion and special demonstration

10.30 – 11.00 BREAK

ANKLE AND FOOT PREPARATION

11.00 – 11.30 Lateral intraarticular and paraarticular structures of the ankle joint
(W. Müller, Basel, Switzerland)

11.30 – 12.00 Medial structures of the ankle and intraarticular structures of the subtalar joint. Sinus tarsi.
(H. Zwipp, Dresden, Germany)

12.00 – 12.30 Discussion and special demonstrations

12.30 – 14.00 BREAK

37
CASE REPORTS, PRESENTATION OF PATIENTS, OPERATION TECHNIQUES

Chairmen: W. Müller, Switzerland  
H. Zwipp, Germany

14.00 – 14.10 Treatment for ACL injuries in the adolescent patient  
(K. D. Shelbourne, Indianapolis, USA)

(P. Hertel, Berlin, Germany)

14.40 – 15.00 Open miniarthrotomy technique of ACL reconstruction  
(K. D. Shelbourne, Indianapolis, USA)

15.00 – 15.30 Arthroscopic ACL reconstruction, patient, case report 2.  
(A. Kentsch, Mallorca, Spain)

15.30 – 15.40 Prevention of postoperative complications in ACL surgery  
(K. D. Shelbourne, Indianapolis, USA)

15.40 – 16.10 BREAK

(P. Albrecht-Olsen, Hellerup, Denmark)

16.40 – 16.50 Accelerated rehabilitation after isolated meniscal repair  
(K. D. Shelbourne, Indianapolis, USA)

(C. N. van Dijk, Amsterdam, Netherlands)

17.20 – 17.50 Ligament reconstruction of the ankle, patient, case report 5.  
(H. Zwipp, Dresden, Germany)
KNEE PROSTHESES

BASIC SCIENCE/PATELLA

Chairmen: J. Goodfellow, United Kingdom  
           M. J. Pappas, USA

08.00 – 09.40 The challenge of knee arthroplasty  
                 (U. Munzinger, Zürich, Switzerland)

093 Biomechanics of the knee and prosthesis design  
             (J. Goodfellow, Headington, United Kingdom)

094 Wear in metal-plastic joint replacement  
               (M. J. Pappas, Caldwell, USA)

095 Patello-femoral forces after knee replacement  
                 (F. W. Hagen, München, Germany)

096 Blood supply of the patella in total knee replacement  
                  (J. Hassenpflug, Kiel, Germany)

097 The patello-femoral joint: its function and design  
                  (M. J. Pappas, Caldwell, USA)

098 Artificial replacement of the patella, yes or no?  
                (R. K. Miehlke, Sendenhorst, Germany)

09.40 – 10.00 DISCUSSION

10.00 – 10.30 BREAK

SOFT TISSUE BALANCE, BONE RECONSTRUCTION,  
UNI-BI-TRICOMPARTIMENTAL ARTHROPLASTY

Chairmen: F. W. Hagen, Germany  
          P. Keblish, USA

10.30 – 12.10 Soft tissue balance: medial side  
                   (W. Schwägerl, Vienna, Austria)

200 Soft tissue balance: lateral flexum, genu recurvatum  
              (G. M. Ferguson, Pittsburgh, USA)

201 Reconstruction of bone defects  
              (P. Keblish, Allentown, USA)

202 The role of the cruciate ligaments  
                (M. A. R. Freeman, London, United Kingdom)

203 Conservation of cruciate ligaments in condylar knee arthroplasty  
              (J. L. Lerat, Lyon, France)
The role of the cruciate ligaments in a mobile bearing system
(U. Munzinger, Zürich, Switzerland)

Sagittal laxity and clinical results after total knee arthroplasty
(F. W. Hagena, München, Germany)

12.10 – 12.30 DISCUSSION
12.30 – 14.00 BREAK

14.00 – 15.00 ROUND TABLE AND DISCUSSION
Cruciate retaining versus cruciate substitution
Chairman: M. A. R. Freeman, United Kingdom
Faculty: P. Aglietti, Italy
P. Aichroth, United Kingdom
K. Hamelyn, Netherlands
P. Keblish, USA
J. L. Lerat, France
M. Pappas, USA
Statement of each member of the faculty, 3 minutes
"Questionnaire" (M. A. R. Freeman, United Kingdom)

15.00 – 15.20 BREAK

INDICATIONS AND LIMITS OF DIFFERENT KNEE
ARTHROPLASTY SYSTEMS
Chairmen: P. Aichroth, United Kingdom
J. Hassenpflug, Germany

15.20 – 15.40 Limits of a mobile bearing system

207
- Unicompartmental
  (J. Goodfellow, Headington, United Kingdom)

208
- Bicompartmental
  (P. Keblish, Allentown, USA)

15.40 – 16.00 Indications for a condylar knee

209
(J. Y. Jenny, Strasbourg, France)

210
Limits of a condylar knee (install. Burstein II)
(P. Aichroth, London, United Kingdom)

16.00 – 16.10 Indications for a constrained system in a primary knee arthroplasty

211
(J. Hassenpflug, Kiel, Germany)

16.10 – 16.20 Indications for a rotating hinge system in a primary knee arthroplasty

212
(G. W. Baars, E. Nieder, Hamburg, Germany)

16.20 – 16.30 DISCUSSION
16.30 – 18.00 WORKSHOP
ADVANCED ARTHROSCOPIC AND OPEN SURGERY OF SHOULDER, ELBOW, WRIST AND HIP

Chairmen: P. Beaufils, France
           P. Habermeyer, Germany

08.00 – 08.05 Introduction
           (P. Beaufils, France)

SHOULDER SURGERY AND ARTHROSCOPY
ROTATOR CUFF DISEASE

08.05 – 08.45 Prognostic factors for therapeutic outcome in rotator cuff tears.
           (D. Molé, Nancy, France)

08.45 – 09.05 ROUND TABLE:
Indication for open and endoscopic techniques in rotator cuff tears.
Moderator: P. Habermeyer, Germany
Participants: D. Molé, France
             G. Declercq, Belgium
             G. Walch, France

09.05 – 10.05 Primary traumatic dislocation – prognosis
           (M. Lehmann, Stuttgart, Germany)

Arthroscopic aspect of traumatic anterior instability
           (W. J. Willems, Alkmaar, Netherlands)

Arthroscopic treatment of anterior instability
   – Intra articular hardware technique
     (J. F. Kempf, Strasbourg, France)
   – Extra articular technique
     (H. Resch, Innsbruck, Austria)
   – Suture techniques
     (P. Habermeyer, Stuttgart, Germany)
221. Open repair for anterior instability  
   (A. Wallace, Nottingham, United Kingdom)

10.05 – 10.25 ROUND TABLE:  
Indication and timing for stabilization

Moderator: A. Wallace, United Kingdom  
Participants: M. Lehmann, Stuttgart, Germany  
P. Habermeyer, Germany  
J. F. Kempf, France  
H. Resch, Austria  
W. Willems, Netherlands

10.25 – 11.00 BREAK

ARTHROSCOPY OF THE ELBOW

11.00 – 11.30 Portals and Set Up  
   (A. Gächter, Basel, Switzerland)

222. Surgical arthroscopy – part one: loose bodies, osteochondritis, radial head fractures.  
   (Ph. Lobenhoffer, Hannover, Germany)

   (F. Kelberine, Aix en Provence, France)

11.30 – 11.45 DISCUSSION

ARTHROSCOPY OF THE HIP

11.45 – 12.25 Portals, arthroscopic anatomy and indications.  
   (R. Villar, Cambridge, United Kingdom)

225. Arthroscopic treatment of the hip joint.  
   (E. Eriksson, Stockholm, Sweden)

12.25 – 12.40 DISCUSSION

12.40 – 14.00 BREAK
ARTHROSCOPY AND ENDOSCOPY OF THE WRIST

14.00 – 14.45 Portsals and arthroscopic anatomy
(C. Jantea, Düsseldorf, Germany)

14.45 – 15.00 DISCUSSION

15.00 – 15.30 BREAK

15.30 – 17.00 CASE REPORTS, PRESENTATION OF PATIENTS,
OPERATION TECHNIQUES

230 Open surgery on anterior instability of the shoulder,
patient, case report 6
(G. Walch, Lyon, France)

231 Arthroscopic surgery on anterior instability of the shoulder,
patient, case report 7
(H. Resch, Salzburg, Austria)

232 Endoscopic acromioplasty, patient, case report 8
(P. Habermeyer, Stuttgart, Germany)

233 Arthroscopy of the elbow, patient, case report 9
(Ph. Lobenhoffer, Hannover, Germany)

234 Arthroscopy of the wrist, patient, case report 10
(L. Pederzini, Cailungo, Italy)
OPEN AND ARTHROSCOPIC SURGERY OF KNEE AND ANKLE

LIVE OPERATIONS

Chairmen: W. Müller, Switzerland
            Th. Münch, Switzerland

Operation 1  Open ACL reconstruction
             (P. Hertel, Berlin, Germany)
Operation 2  Arthroscopic ACL reconstruction
             (A. Kentsch, Mallorca, Spain)
Operation 3  Meniscus fixation with absorbable tacks
             (P. Albrecht-Olsen, Hellerup, Denmark)
Operation 4  Arthroscopy of the ankle
             (C. N. van Dijk, Amsterdam, Netherlands)
Operation 5  Ligament reconstruction of the ankle
             (H. Zwipp, Dresden, Germany)

09.00 –  9.30  Operation 1
09.30 – 10.00  Operation 2
10.00 – 10.30  BREAK
10.30 – 11.00  Discussion 1
11.00 – 11.30  Discussion 2
11.30 – 12.00  Operation 3
12.00 – 13.00  BREAK
13.00 – 13.30  Discussion 3
13.30 – 14.00  Operation 4
14.00 – 14.30  Operation 5
14.30 – 15.00  BREAK
15.00 – 15.30  Discussion 5
15.30 – 16.00  Discussion 4
KNEE PROSTHESSES

SURGERY ON CADAVER KNEES

08.00 – 12.30  **Unicompartmental:**
Chairman: J. Goodfellow, United Kingdom

- Mobile bearing system: Oxford
  (P. Lardy-Smith, United Kingdom)
- versus

- fixed bearing system: Natural knee
  (G. Blatter, St. Gallen, Switzerland)

**Condylar:**
Chairman: R. K. Miehlke, Germany

- Cruciate retaining system: LCS
  (P. Keblish, Allentown, USA)
- versus

- cruciate sacrificing system: Freeman-Samuelson
  (M. A. R. Freeman, London, United Kingdom)

**Revision:**
Chairman: K. Hamelynck, Netherlands

- Mobile bearing system: AGC
  (T. Drobny, Zürich, Switzerland)
- versus

- constrained system: rotating hinge, Endo
  (G. Baars, E. Nieder, Hamburg, Germany)

12.30 – 14.00  BREAK

14.00 – 15.00  **ROUND TABLE DISCUSSION**
Mobile bearing versus fixed bearing

Chairman:  P. Aglietti, Italy
Faculty:  J. Goodfellow, United Kingdom
          F. W. Hagena, Germany
          P. Keblish, USA
          M. J. Pappas, USA
          P. S. Walker, United Kingdom

Statement of each member of the faculty, 3 minutes
“Questionnaire”
P. Aglietti, Italy

15.00 – 15.30  BREAK
UNI VERSUS TOTAL KNEE SYSTEM/
FAILURE OF KNEE ARTHROPLASTY

Chairmen:  G. Ferguson, USA
           S. Romagnoli, Pietra Ligure, Italy

15.30 – 16.20  Uni versus total knee system
               (S. Romagnoli, Pietra Ligure, Italy)

241  Patella: Resurfacing versus non-resurfacing
     (P. Keblish, Allentown, USA)

242  Causes for mechanical failure
     (R. Miehlke, Sendenhorst, Germany)

243  A treatment algorhythm for the infected total knee replacement –
     diagnosis and treatment.
     (G. M. Ferguson, Pittsburgh, USA)

244  The infected total knee – one or two stage exchange operation?
     (T. Drobny, Zürich, Switzerland)

16.20 – 16.30  DISCUSSION

16.30 – 18.00  WORKSHOP
ADVANCED ARTHROSCOPIC AND OPEN SURGERY OF SHOULDER, ELBOW, WRIST AND HIP

LIVE OPERATIONS

Chairmen: P. Beaufils, France
P. Habermeyer, Germany

Operation 6 Open surgery on anterior instability of the shoulder
(G. Walch, Lyon, France)

Operation 7 Arthroscopic surgery on anterior instability of the shoulder
(H. Resch, Salzburg, Austria)

Operation 8 Endoscopic acromioplasty
(P. Habermeyer, Stuttgart, Germany)

Operation 9 Arthroscopy of the elbow
(Ph. Lobenhoffer, Hannover, Germany)

Operation 10 Arthroscopy of the wrist
(L. Pederzini, Cailungo, Italy)

09.00 – 09.30 Video: The technique of hip arthroscopy
(R. Villar, Cambridge, United Kingdom)

09.30 – 10.00 Discussion
10.00 – 10.30 Operation 6
10.30 – 11.00 BREAK
11.00 – 11.30 Operation 7
11.30 – 12.00 Discussion 6
12.00 – 12.30 Discussion 7
12.30 – 13.00 Operation 8
13.00 – 14.00 BREAK
14.00 – 14.30 Discussion 8
14.30 – 15.00 Operation 9
15.00 – 15.30 Operation 10
15.30 – 16.00 BREAK
16.00 – 16.30 Discussion 9
16.30 – 17.00 Discussion 10
SOCIAL PROGRAM

Monday, April 18, 1994

Berlin Background Information Tour

This tour has been designed especially for visitors of Berlin who already know the city to a certain degree. A journalist will guide you through a century of German history, full of both struggle for social justice and democracy, and horrible set-backs that shock the world. You will learn about the rises and falls of the German emperors, the Nazi and the communist regime. You will visit the most outstanding sights of 20th century German history in Berlin. An informative and, maybe, controversial tour.

12.00 h Departure from the ICC (main entrance)
16.00 h Arrival at the ICC

DM 45,— per person.

18.15 – 21.00 Senate Reception and “Get Together” Party
see page 9
Tuesday, April 19, 1994

The Bröhan Museum

The Bröhan Museum was founded in 1983 and has got its name from Karl H. Bröhan who donated his private collection to the City Council of Berlin in 1982.

A guided tour through the approx. 1.600 different pieces will give you the possibility to discover paintings, drawings and sculptures, furniture, china (Meissen) ceramics, Art Nouveau glass, Art-déco, tin and silver which were produced between 1890 and 1940.

10.00 h Departure from ICC (main entrance)
13.00 h Arrival at the ICC

DM 40,— per person, incl. entrance fee and guidance.

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Boat Cruise including the Pergamon Museum

Starting from Charlottenburg Palace you will go on a beautiful boat trip. Cruising the Berlin canals and rivers, you will contemplate Bellevue Palace, the old Convention Hall, the Reichstag, and Museum Island. During a one hour stop you will visit the Pergamon Museum’s Department of Architecture with the famous Pergamon Altar. On the way back you will pass by Berlin’s East Harbour and you will see the boroughs of Treptow and Kreuzberg.

On this tour, you will be accompanied by two tourist guides who will be glad to answer your questions.

08.45 h Meeting point and departure at the dock “Schloß Charlottenburg”
14.00 h Arrival at the dock “Schloß Charlottenburg”

DM 108,— per person, incl. all fees, guidance, snack and beverages on board.
Film City Berlin – The Defa-Film Studios in Babelsberg

The biggest film studios in Europe were founded in 1912. The same year, the then UFA-Studios, today renamed Defa-Studios, shot their first movie. Wellknown ones like "Metropolis" and "The Blue Angel" followed. You will be reminded of Marlene Dietrich and Zarah Leander. The studio covers an area of 43,000 hectare and includes the world's largest collection of props (1 million pieces).

Today, several big companies produce their films here. Television has also discovered the studios again and uses it for their TV series.

You are invited to encounter the old and new movie stars. You will get a chance to take a glance behind the scenes. You will have an opportunity to see how film tricks and illusions work.

09.30 h Departure from the ICC (main entrance)
17.00 h Arrival at the ICC

DM 130,— per person, incl. transfer, all fees, guidance and lunch.

19.30 Congress Banquet
see page 9
Wednesday, April 20, 1994

Potsdam Parks, Palaces and City Tour

The city of Potsdam is surrounded by a romantic landscape with woodlands, green hills and lakes. The lakes, in fact, are bays of the Havel River which connects Potsdam with Berlin.

Back in the 12th century, Potsdam was the first German fortress in this area. In 1660, it became the residence of the Kurfürsten, the elector kings who appointed the German emperors. During the WW II bomb raids, Potsdam was heavily destroyed. The new buildings from the communist times are somewhat faceless. But the romantic past is still recognizable.

You will enter Potsdam by Glienicke Bridge, a famous place of spy exchange during the Cold War, nicknamed "Spy Bridge".

Here is a list of the well-known Potsdam sights that you will see on this tour:

- **Brandenburg Gate**: This baroque city gate built in 1770 resembles an ancient Roman triumph arc.

- **The Dutch Borough**: From 1734 to 1742, the so-called Soldiers’ King had this borough set up in a Dutch brickstone style as he tried to invite craftsmen from Holland to settle down in Potsdam.

- **Marstall**: This baroque building was designed by the famous Prussian architects Johann Arnold Nehring and Georg Wenzeslaus von Knobelsdorff in 1746. It served as the royal stables of Potsdam for some time.

- **St. Nicolas Cathedral**: The well-known Potsdam cathedral was designed by Karl Friedrich Schinkel in 1831 in the style of Hellenistic Classicism.

You will then see the Potsdam palaces and parks:

- **Sanssouci Palace**: The rococo summer residence of King Frederick II was erected by G. W. von Knobelsdorff in 1747.

- **The New Palais**: In 1763, after winning the Seven Years War, King Frederick II had this palace built by his architects Bühning, Le Geay, and Gontard in order to demonstrate his power. It is the largest Potsdam palace, richly decorated in the rococo style.

- **Sanssouci Park**: You will discover some of Potsdam’s artistical treasures strolling through this huge park: the Leasure Gardens, windmill, Chinese tea-room, the Orangerie Palace, the Temple of Friendship in the Dear Garden, and the servants’ wings opposite the New Palais.
Finally, you will pay a visit to Cecilienhof Palace where, from July 17 to August 2, 1945, Stalin, Truman, and Churchill discussed the Potsdam Agreement that divided up Europe.

09:00 h Departure from the ICC (main entrance)
17:00 h Arrival at the ICC

DM 120,— per person, incl. transfers, all entrance fees, guidance, 3-course-menu, (beverages have to be paid)

Charlottenburg Palace and The Egyptian Museum

The Knobelsdorff wing forms part of Charlottenburg Palace. It was built under King Frederick II by his architect, G. W. von Knobelsdorff. On the ground floor, you will find the summer residences of King Frederick William II and of King Frederick William III with beautiful interiors; furniture, paintings, porcelain and Chinese style pieces of art.

The residence of King Frederick II, who is called “The Great”, and the palace’s two ball-rooms are located on the 1st floor. The ball rooms had been decorated in rich rococo style. During WW II, however, they were completely devastated. Big parts have been reconstructed.

Opposite Charlottenburg Palace, you will find two classicist buildings designed by Friedrich August Stüler in 1850. The eastern one connects with the former royal stables and houses the Egyptian Museum.
Thursday, April 21, 1994

"Contemporary Baltic Photography"/The Martin-Gropius-Bau

Surrounded by every wastlands, the Martin-Gropius-Bau once housed Berlin's museum of decorative art (now in the Kunstgewerbe-Museum). Built in 1877 by Martin Gropius (Uncle of Walter Gropius), the museum closely resembles Schinkel's 1836 Bauakademie, (bombed in 1945 and demolished in 1961).

Reconstructed from 1979 to 1981, the building currently houses the modern art collection of the Berlin Gallery, the archives of the Werkbund movement and the Jewish historical museum. Moreover, the Martin-Gropius-Bau is well-known for its changing exhibitions, which are set up in the beautiful atrium.

You will visit the current exhibition called "Contemporary Baltic Photography".

09:30 h Departure from the ICC (main entrance)
13.00 h Arrival at the ICC

DM 40,— per person, incl. entrance fee and guidance through the exhibition.

Further activities: Gymnastics in the morning

Exclusively for the ESSKA participants we have organized a professional remedial gymnastic course. In an exercise room at the Hotel Intercontinental, you will have the possibility to enjoy the group and get fresh for the day.

Dates:

Tuesday 19. April 1994 08:00 – 08:30 h
Wednesday 20. April 1994 08:00 – 08:30 h
Thursday 21. April 1994 08:00 – 08:30 h

Room: Salon Köpenick

Dressing: Jogging suit

Fee: DM 10,— per person/per day

53
One of the best known pieces of Egyptian art is the limestone bust of Queen Nofretete (around 1350 b. C.). She was married to Pharaoh Echnaton.

In 1921, a team of German archeologists discovered the bust in Teel el-Amarna.

09:00 h Departure from the ICC (main entrance)  
13:30 h Arrival at the ICC  

DM 49,— per person, incl. transfers, all entrance fees and guidance.

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**Berlin's Urban Architecture Tour**

The typical Berlin 19th century buildings represent the architecture of the Industrial Revolution: up to seven backyard buildings hidden behind one single facade were thought to house poor working class families.

A new generation of architects developed the so-called Garden Cities to provide for better housing. You will see famous examples of Berlin’s 1920s urban renewal: “Uncle Tom’s Cottage”, “The White City” and “The Horseshoe”. After WW II, Berlin has always been looking for new architectural concepts. You will learn about two International Exhibitions of Architecture, one in 1957, the other in 1987, which show both modern housing, and fine examples of reconstructed and renovated old buildings.

After the German Unification, the hugest project, no doubt, will be the new Government quarter by the river Spree in the city centre.

14.00 h Departure from the ICC (main entrance)  
17.30 h Arrival at the ICC  

DM 50,— per person.