Morning
7:00am Registration and breakfast
8:00am Welcome and Introductions  Soledad Cortina, MD

Session I: Update in the Treatment of Ectatic Disorders
Moderator: Soledad Cortina, MD

8:05-8:25 Corneal Crosslinking: Why it Works and Where It’s Headed—William Dupps, MD
8:27-8:37 Trans-epithelial Corneal Cross-linking (CXL) for the treatment of Corneal Ectasia—Randy Epstein, MD
8:39-8:49 Combining Procedures: CXL and Intracorneal ring segment for cornea ectatic disorder.—Jose de la Cruz, MD
8:51-9:01 How to reliably assess progression in keratoconus—Tim McMahon, OD
9:03-9:13 Update on CL treatment for corneal ectasia—Charlotte Joslin, OD

9:13-9:30 Panel discussion

Panel discussion:
-Role of Bowman’s layer transplantation
-CXL in thin corneas
-Corneal haze after CXL and role of MMC
-off label use of CXL — infectious keratitis— post graft etc. Pellucid marginal degeneration, LASIK combined with cross linking LASIK Xtra, PBK, Radial keratotomy, Smile, KPro,
-Leaking blebs, Femtosecond corneal transplants

9:30 – 9:40am REFRESHMENT BREAK (10 minutes)

Session II: Surgical Innovations
Moderator: Mark Rosenblatt, MD, PhD, MBA

9:40-9:43 Introduction
9:45-10:15 Marvin D Henry, MD Lecture: Innovations in Cornea Lamellar Surgery—Donald Tan
10:17-10:27 Rethinking Fuchs Dystrophy in the Era of Successful Descemet Stripping. Kathy Colby, MD
10:29-10:39 Corneal transplantation in Fuchs’ Dystrophy: do we really need donor tissue ---Marian Macsai, MD
10:41-10:51 Posterior corneal astigmatism—Surendra Basti, MD
10:53-11:03 Surgical management of the dislocated lens implant ---Johnathan Rubenstein, MD
11:05-11:15 Use of aberrometry in complex cataract surgery – **Parag Majmudar, MD**
11:17-11:27 Challenges and surgical strategies for patients with glaucoma and corneal disease – **Soledad Cortina, MD**

11:30-12:30 pm LUNCH

**Session III: Infections**
Moderator: Elmer Y. Tu, MD

12:30-12:40 HZV: vaccine and clinical trial on the way – **Joel Sugar, MD**
12:42-12:52 Rejection or infection? CMV endothelitis – **Donald Tan, MD**
12:54-1:04 Corneal interface infections – **Elmer Tu, MD**
1:06-1:26 Trachoma – **Jeremy Keenan, MD**

**Case discussions**
1:30-1:35 Surgical management of corneal infections: When to pull the trigger – **Cornea fellow**
1:40-1:45 Recalcitrant corneal infections: what to do when you have done everything? – **Cornea fellow**

1:50-2:05 coffee break

**Session IV: Ocular Surface Disease**
Moderator: Ali Djalilian, MD

2:05-2:25 Keratoprosthesis: Why, When and How – **Donald Tan, MD**
2:27-2:37 Update in the treatment of limbal stem cell deficiency – **Ali Djalilian, MD**
2:39-2:49 The microbiome in severe ocular surface disease – **Charles Bouchard, MD**
2:51—3:01 Molecular mechanisms of graft vs host disease – **Sandeep Jain, MD**
3:03-3:13 PROSE indications and outcomes, 5 year experience – **Ellen Shorter, OD**
3:15-3:25 Neuropathic ocular pain – **Mark Rosenblatt, MD, PhD, MBA**
3:27-3:37 Flexible Acrylic Keratoprosthesis – **Charles Yu, MD**
3:39-3:55 Panel discussion

**Session V: Free paper session**
Moderator: Jose de la Cruz, MD

4:00-4:05 Indications and outcomes of repeat DSAEK: a multicenter study – **Bouchard group**
4:05-4:10 Long-term outcomes of Primary Boston type 1 keratoprosthesis for severe ocular surface disease – **Kai Kang, MD**
4:10-4:15 Keratoconus in Down Syndrome: treatment modalities and outcomes in a terciary care center – **Praneetha Thulasii, MD**
4:15-4:20 Phlyctenular keratoconjunctivitis in children: correlation between race and disease severity – **Andrea Arteaga, MD**
4:20-4:25 Measuring Forward light scatter in patients with implanted keratoprosthesis – **Faris Karas, MD**
4:25-4:40 Q&A / Discussion