Computer assisted aspherical polishing: advantages and limits

Christian du Jeu
SESO has increased by an important factor its capabilities of aspherical polishing with the technology of computer assisted polishing. The advantages and current limitations of this technology will be discussed:

- New performances obtained in terms of wavefront accuracy, mid-spatial-frequency errors, roughness,
- Capabilities to polish aspherical surface with low F number,
- The link to metrology development which is a critical part of polishing performances.