Program of the International Conference

"Modular Forms, Geometry, Complex Analysis and Applications" — Monastir, October 25–28, 2026

Sunday, October 25, 2026 — Short Talks (Parallel Sessions)

Each talk: 20 minutes + 10 minutes discussion.

Time	Room 1	Room 2
Time	*Chairman: TBA*	*Chairman: TBA*
16:00–16:30	**Badreddine Gouaid:** *The nil-regular elements and rn-ideals in commutative rings*	**Hafnaoui Hidouri:** *Topological structure of the S-prime spectrum of commutative monoids*
16:30–17:00	**Taha Eddhay:** *Chain conditions up to isomorphism in semigroup rings*	**Momen Chokri:** *On the h-stability of a class of nonlinear stochastic switched systems*
17:00–17:30	**Sihem Smach:** *Twisted Power series rings*	**Ammari Thabet:** *On the (h)-Stability of Nonlinear Switched Systems*
17:30–18:00	**Fadwa Charfi:** *Rings with j-Noetherian spectrum*	**Sara Djail:** *Hosoya Polynomials and Wiener Indices of Jahangir Graphs* $J_{9,m}$
18:00–18:30	**Maroua Gamanda:** *A realization algorithm for* $SL_2((\mathbb{Z}/n\mathbb{Z})[X_1, \ldots, X_k])$	

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Monday, October 26, 2026 — Conferences

Each conference: 40 minutes + 5 minutes discussion.

Time	Room 1
08:30–09:00	**Opening of ICMFGCA2026**
Time	*Chairman: TBA*
09:00–09:45	**Zakariae Bouazzaoui:** *Modular forms and arithmetic of real quadratic fields*
09:45–10:30	**Najib Ouled Azaiez:** *Shimura Curves, Modular Forms, and Heun's Equation*
10:30–11:00	*Coffee Break*
Time	*Chairman: TBA*
11:00–11:45	**Serge Ivashkovych:** *Meromorphic mappings between complex Hilbert manifolds*
11:45–12:30	**Faouzi Thabet:** *Quadratic Differentials on the Riemann Sphere Associated to the Pólya-Chebotarev's Problem of Four Points*

Monday, October 26, 2026 — Short Talks (Parallel Sessions)

Each talk: 20 minutes + 10 minutes discussion.

Time	Room 1	Room 2
Time	*Chairman: TBA*	*Chairman: TBA*
14:30–15:00	**Kamel Mazhouda:** *On Some Sums over the Zeros of a Class of L-Functions*	**Haithem Hawari:** *Nombres de Lelong des potentials associés à des courants positifs fermés et applications*
15:00–15:30	**Jawher Khmiri:** *Discretized Li coefficients on function fields*	**Mohamed Mhamdi:** *Propriétés Analytiques et Géométriques des Fonctions Harmoniques Généralisées*
15:30–16:00	**Salem Guiben:** *Stieltjes moments and Li coefficients on function fields*	**Hadhami El Aini:** *Continuity of the complex Hessian operator and weighted capacity on Cegrell classes*
16:00–16:30 Coffee Break		
Time	*Chairman: TBA*	*Chairman: TBA*
16:30–17:00	**Jihène Belhadj Ltaief:** *Discrete measures and the Riemann hypothesis for function fields*	**Assil Fradi:** *Bispectrality and Time-and-Band Limiting for a 2×2 Family of Matrix Orthogonal Polynomials*
17:00–17:30	**Khadija Mbarki:** *Coefficients of Symmetric power L-functions on integers under digital constraints*	**Walid Aloulou:** *Cohomology and deformation of a compatible Hom-Lie algebra up to homotopy*
17:30–18:00	**Eya Regaieg:** *Congruences between modular forms of integral and half integral weights*	**Mansour Jebli:** *BiHom-algèbre de pre-Poisson*

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Tuesday, October 27, 2026 — Conferences

Each conference: 40 minutes + 5 minutes discussion.

Time	Room 1
Time	*Chairman: TBA*
08:30–09:15	**Borka Jadrijević:** *Characterization of quadratic ε-CNS polynomials with an application to determining all ε-CNS bases in quadratic number fields*
09:15–10:00	**Zrinka Franušić:** *On a Diophantine Problem for 2×2 Integer Matrices*
10:00–10:30	*Coffee Break*
Time	*Chairman: TBA*
10:30–11:15	**Andrijana Ćurković:** *A Hierarchical Geometric Model for Data-Driven State Estimation*
11:15–12:00	**Siham Mokhfi:** *Trace formula for Witt vector rings*
14:00–...	**Free afternoon (from 2:00 PM)**

Wednesday, October 28, 2026 — Conferences

Each conference: 40 minutes + 5 minutes discussion.

Time	Room 1
Time	*Chairman: TBA*
08:30–09:15	**Hachem Hichri:** *On the dynamics of powers of Perron numbers*
09:15–10:00	**Samir Marouani:** *From Kähler Hyperbolicity to Non-Kähler Hyperbolicity and Some Geometric Properties*
10:00–10:30	*Coffee Break*
Time	*Chairman: TBA*
10:30–11:15	**Ali Jaballah:** *Combinatorics of Intermediate Rings in Extensions of Integral Domains*
11:15–12:00	**Ahmed Hamed:** *On the Class Group of the Monoid Algebra $D[[T]]$*
12:00–12:15	**Closing of ICMFGCA2026**