



## Faouziya Haissen - 20 Avril 1967

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Married, 2 children

### Present Position

- ✚ **1995-2001: Assistant Professor** at the University Chouaib Doukkali, Faculty of sciences, department of geology. Route Ben Maachou, BP 20, Avenue of faculties, El Jadida, Morocco (<http://www.ucd.ac.ma>)
- ✚ **2001-2011: Ph D Professor** at the University Chouaïb Doukkali, Faculty of sciences, department of geology. Avenue Cdt Driss Harti BP7955, Ben M'sik, Casablanca, Morocco  
(E-mail : [fsb@univh2m.ac.ma](mailto:fsb@univh2m.ac.ma). **Site web**: <http://www.univh2.ac.ma>)
- ✚ **2011-Present: Ph D Professor** at the University Hassan II of Casablanca, Faculty of sciences Ben M'sik, department of geology
- ✚ **2014-2019: Coordinator** of the undergraduate studies "Earth and Univers Sciences" at department of Geology, Faculty of Sciences Ben M'sik, Hassan II University of Casablanca
- ✚ **2013-2014**: Secretary of the «Comision de Petrologia, Geoquimica, Geocronologia de la Rocas Igneas y Metamorficas» CPGG-RIM of Geological Society of Spain (<http://www.ugr.es/~malmolaroko/>)
- ✚ **Since 2013**: Member of the Geological Society of Spain (<http://www.sociedadgeologica.es/>)
- ✚ **Since 2014**: Member of the Association Marocaine des Sciences de la Terre AMST
- ✚ **Since 2012**: Member of the editorial board of the journal «Arabian Journal of Earth Sciences» ([www.arabianjournalofscience.com/index.php/AJES/about/history](http://www.arabianjournalofscience.com/index.php/AJES/about/history))
- ✚ **Since 2012**: Reviewer for «Arabian Journal of Earth Sciences» and «Journal of African Earth Sciences»
- ✚ **Research fields**: Petrology, Geochemistry, Geochronology, Economic geology

### Degrees

**1997-2001: PhD Thesis** in Experimental Petrology: "Experimental study of H<sub>2</sub>O-saturated and unsaturated melting of metapelite from Pins Island (W Cuba)" at Granada University (Spain) directed by Professor Antonio Garcia Casco (in cooperation with Chouaib Doukkali University, El Jadida, Morocco)

**1992-1995: Postgraduate Thesis** in Metamorphic petrology: “**Granulites mafiques des unités du groupe ‘Casares-Los Reales’ des deux côtés du Déroit de Gibraltar (Rif Interne et Zone bétique Occidentale)**” at Granada University (Spain), directed by Professors Antonio Garcia Casco and Rafael Torres Roldan (in cooperation with the Abdelmalek Essaadi University of Tetouan, Morocco)

**1990 - 1992: PhD Program** “Structural geology, Crystallography, Mineralogy, Petrology, Geochemistry “ at Granada University of Granada Spain

**1985 - 1989:** Graduate studies in geology at the abdelmalek Esaadi University of Tetouan

## Projects and Research groups

**2016-2019:** “Diamond, zircon and other "exotic" minerals in ophiolitic chromitites and associated rocks. Implications for mantle geodynamics” (DIACRO)

IP: Joaquín Proenza Fernández (Universidad de Barcelona)

Ministerio de Economía y Competitividad (MINECO). CGL2015-65824

<http://caribbeanlithos.com/>

**2015-2019:** “Diamonds and Recycled Mantle” IGCP649

<http://www.igcp649.com/>

**2014-2017:** “Zircon inheritance in magmatic processes. Mechanisms and applications to crustal recycling and mantle dynamics”

IP: Fernando Bea Barredo (University of Granada, Spain)

Projets I+D «EXCELENCIA» Ministerio de Economía y Competitividad of Spain (MINECO)

CGL2013-40785-P

**2013-2017:** “Study of potential late Archean Province in South Morocco” RNM2163

IP: Fernando Bea Barredo (University of Granada, Spain)

Proyecto de investigación de Excelencia de la Junta de Andalucía

**2009-2012:** “Geocronología, Petrología y Geoquímica de los terrenos arcaicos y Paleoproterozoicos de Marruecos, Implicaciones sobre la generación de Iberia » A/025250/09

IPs: Haissen Faouziya and Pilar Montero Gonzalez

Cooperation project between the University Chaouib Doukkali, El Jadida (Morocco) and the University of Granada (Spain)

**2002-2006:** “Estudio del Metamorfismo de alta presión de la sutura panafricana de Bou Azzer - El Graara (Anti-Atlas, Marruecos)” A/3557/05.

IP: Aghzer Abdelmouhsine. Cooperation project between University Chouaib Doukkali El Jadida (Morocco) and University Complutense University of Madrid (Spain).

**PhD Thesis funded by the Project 1997-2000:** “Metamorphic evolution and P-T-t paths in accreted terranes (Central Cuba), (PB96-1426)”

IP: Antonio Garcia-Casco (Granada University, Spain)

Ministry of Education and Science (MEC), Spain

**1992-1995:** “Metamorfismo y cinética de reacciones metamórficas” Nº 92-093CAYCIT

IP: Rafael Torres Roldan (Granada University, Spain)

**1989-1992:** “Metamorfismo, magmatismo y evolución litosférica de la terminación occidental de la cadena Bético-rifeña y Atlas” Nº PB-890017 DGICYT

IP: Encarnación Puga Rodríguez (Granada University, Spain)

**1989-1992:** Research Group: “Geoquímica y Petrología endógenas de la litosfera” Nº 4072

## Scientific Production

### Papers

- 2017.** D. Frizon de Lamotte, M. Najib Zaghoul, F. **Haissen**, G. Mohn, R. Leprêtre, O. Gimeno-Vives, A. Atouabat, M. El Mourabet, A. Abassi : «[Rif externe : comment comprendre et expliquer le chaos apparent ?](#)» *Géologues*, N° 194 [Maroc, Paradis des Géologues](#), 13-15.
- 2017.** P. Montero, F. Bea, F. **Haissen**, JF. Molina-Palma, F. González-Lodeiro, A. Mouttaqi, A. Errami : «[Dorsale Reguibat et Massif des Oulad Dlim, l'avancée des connaissances](#) » *Géologues* N° 194 [Maroc, Paradis des Géologues](#), 32-41.
- 2017.** F. **Haissen**, P. Montero, F. Bea, A. Mouttaqi, JF. Molina: "[Carbonatites from Southernmost Morocco \(Reguibat Shield, West African Craton : Mineralogy, Geochemistry, Geochronology and Economic Potential](#)" *Notes et Mémoires du Service géologique du Maroc*, in press.
- 2017.** N. Pujol Sola, J. A. Proenza, T. Aiglsperger, A. García-Casco, F. **Haissen**, L. Maacha, M. Ikenne: "[Descubrimiento de minerales "exótica" en Manto cromititas de Bou Azzer Ofiolita \(Marruecos\)](#)" *Macla* 22, 111-112.
- 2017.** D. Dominguez Carretero, N. Pujol Sola, T. Aiglsperger, J.A. Proenza, A. Garcia-Casco, F. **Haissen**, L. Maacha, M. Ikenne: "[Caracterización de PGM en cromititas ofiolíticas neoproterozoicas de Bou Azzer, Marruecos](#)" *Macla* 22, 35-36.
- 2017.** J.A. Proenza, A. Garcia-Casco, J.M. Gonzalez-Jimenez, J. Farré De Pablo, N. Pujol Sola, T. Aiglsperger, L.Turron, C.Villanova De Benavent, L.Butjosa, J.C.Melagarejo, S.Gali, D. Domínguez, J. Roque, E.Tablero, C.Domenech, Y Rojas Agromonte, F. **Haissen**, I.F. Blanco, C. Lazaro, A. Camprubi V.Colas: "[Minerales "exóticos" en cromititas ofiolíticas. Implicaciones para la geodinámica mantélica](#)" *Macla* 22, 109-110.
- 2017.** F. **Haissen**, A. Cambeses, P. Montero, F. Bea, Y. Dilek, A. Mouttaqi: "[The Archean kalsilite-nepheline syenites of the Awsard intrusive massif \(Reguibat Shield, West African Craton, Morocco\) and its relationship to the alkaline magmatism of Africa](#)" *Journal of African Earth Sciences*, 127, 16-50.
- 2016.** P. Montero, F. **Haissen**, A. Mouttaqi, A. Errami, O. Sadki, A. Cambeses & F. Bea: "[Contrasting SHRIMP U-Pb zircon ages of two carbonatite complexes from the peri-cratonic terranes of the Reguibat Shield: Implications for the lateral extension of the West African Craton](#)" *Gondwana Research*, 38, 238-250.
- 2016.** F. Bea, P. Montero, F. **Haissen**, A. Michard, C. Lazaro, A. Mouttaqi, A. Errami & O. Sadki: "[First Evidence of Cambrian rift-related magmatism in the West African margin: The Derraman Peralkaline Felsic Complex](#)" *Gondwana Research*, 36, 423-438.
- 2014.** P. Montero, F. **Haissen**, A. El Archi, E. Rjimati & F. Bea: "[Timing of Archean crust formation and cratonization in the Awsard-Tichla zone of the NW Reguibat Rise, West African Craton: A Shrimp, Nd-Sr isotopes, and geochemical reconnaissance study](#)" *Precambrian Research*, 242, 112-137.
- 2014.** F. Bea, P. Montero, F. **Haissen**, E. Rjimati, J.F. Molina & J.H. Scarrow: "[Deep-seated kalsilite-bearing rocks of the Reguibat Rise, West African Craton: The Awsard massif, South Morocco](#)" *Earth-Science Reviews*, 138, 1-24.
- 2014.** F. Bea, P. Montero, F. **Haissen** & A. El Archi: "[2.46 Kalsilite and nepheline syenites from the Awsard pluton, Reguibat Rise of the West African Craton, Morocco. Generation of extremely K-rich magmas at the Archean-Proterozoic transition](#)" *Precambrian Research*, 224, 242-254.

- 2005.** AM. Aghzer, F. **Haissen** & A. Afiri: “Migmatization of the basal paragneisses of the Filali Unit (Beni Bousera Massif, Morocco) during polyphase extensional tectonics Decompression reactions and P-T conditions in high-pressure granulites from Casares-Los Reales units of the Betic-Rif belt (S Spain and N Morocco)” *Geogaceta*, 38, 263-266. ISSN 0212-683X
- 2005.** AM. Aghzer & F. **Haissen**: “High-pressure granulite event in the Filali Unit (Beni Bousera Massif, Morocco): implications for an early Variscan metamorphic evolution” *Geogaceta*, 38, 267-270.
- 2004.** F. **Haissen**, A. Garcia-Casco, R. Torres-Roldan & A. Aghzer: “Decompression reactions and P-T conditions in high-pressure granulites from Casares-Los Reales units of the Betic-Rif belt (S Spain and N Morocco)” *Journal of African Earth Sciences*, 39, 375-383. DOI 10.1016/j.afrearsci.2004.07.030.
- 2003.** A. Garcia-Casco, F. **Haissen**, A. Castro, H. El Hmidi; R.L. Torres Roldan & G. Millan: “Synthesis of Staurolite in Melting Experiments of a Natural Metapelite: Consequences for the Phase Relations in Low Temperature Pelitic Migmatites” *Journal of Petrology*, 44 (10), 1727-1757. DOI 10.1093/petrology/egg056.
- 2001.** A. Garcia-Casco, R.L. Torres Roldan, G. Millan, P. Monié & F. **Haissen**: “High-grade metamorphism and hydrous melting of metapelites in the Pinos terrane (W Cuba): Evidence for crustal thickening and extension in the northern Caribbean collisional belt” *Journal of Metamorphic Geology*, 19, 699-715. DOI 10.1046/j.0263-4929.2001.00343.x.
- 1999.** F. **Haissen**, A. Garcia-Casco & R. Torres Roldan: “Trajectoire P-T des granulites mafiques des unités Casares-Los Reales Bético-Rifaines” *Notes et Mémoires du Service géologique du Maroc*, N°408, 277-284.

## Posters & Talks

- 2017.** Oral communication F. **Haissen**, P. Montero, F. Bea, JF. Molina, A. Mouttaqi, A. Errami, F.G. Lodeiro “The Precambrian of the Reguibat Shield (West African Craton, southernmost Morocco): Petrology, Geochemistry and Geochronology” The 2<sup>nd</sup> Colloquium of International Geosciences Program IGCP638. Casablanca, Morocco, 7-12 november
- 2017.** Oral communication B. Baidada, M. Ikenne, P. Barbey, A. Alansari, A. Soulaïmani, B. Coussens, F. **Haissen**, S. Ilmen “New zircon U-Pb ages of the Imiter granitoids (Saghro massif, eastern Anti-Atlas, Morocco): Geodynamic implications” The 2<sup>nd</sup> Colloquium of International Geosciences Program IGCP638. Casablanca, Morocco, 7-12 november
- 2017.** Talk F. **Haissen**, P. Montero, F. Bea, A. Mouttaqi; JF. Molina, A. Errami “New data on the geology of southernmost Morocco (Reguibat shield, West African Craton and Oulad Dlim Massif)” Rencontre Nationale des Jeunes Géologues, El Jadida, Morocco, 5-7 october
- 2017.** Oral Communication N. Pujol Sola, J. A. Proenza, T. Aiglsperger, A. García-Casco, F. **Haissen**, L. Maacha, M. IKENNE “Descubrimiento de minerales “exótica” en Manto cromititas de Bou Azzer Ofiolita (Marruecos)” XXXVI Reunión de la Sociedad Espanola de Mineralogía, Oviedo, 4-7 July
- 2017.** Oral Communication D. Dominguez Carretero, N. Pujol Sola, T. Aiglsperger, J. A. Proenza, A. Garcia-Casco, F. **Haissen**, L. Maacha, M. Ikenne “Caracterización de PGM en cromititas ofiolíticas neoproterozoicas de Bou Azzer, Marruecos”. XXXVI Reunión de la Sociedad Espanola de Mineralogía, Oviedo, 4-7 July
- 2017.** Talk J.A. Proenza, A. Garcia-Casco, J.M. Gonzalez-Jimenez, J. Farré De Pablo, N. Pujol Sola, T. Aiglsperger, L. Turron, C. Villanova De Benavent, L. Butjosa, J.C. Melagarejo, S. Gali, D. Domínguez, J. Roque, E. Tablero, C. Domenech, Y. Rojas Agromonte, F. **Haissen**, I.F. Blanco, C. Lazaro, A. Camprubi V. Colas “Minerales “exóticos” en cromititas ofiolíticas. Implicaciones para la geodinámica mantélica”. XXXVI Reunión de la Sociedad Espanola de Mineralogía, Oviedo, 4-7 July

**2017.** Talk F. Bea, P. Montero, F. **Haissen**, F.G. Lodeiro, J. F. Molina, A. Errami, A. Mouttaqi “Geochronological and petrological evidence for the architecture of the Oulad Dlim Massif” West African Craton and Margins International Workshop WACMA1 Dakhla. Morocco, 24-29 April

**2017.** Oral Communication F. **Haissen**, P. Montero, J.F. Molina, F. Bea, A. Mouttaqi and A. Errami “New Zircon Oxygen and Hf isotopes evidence on the magmatic sources of the Derraman Aegirine-Riebeckite granites” West African Craton and Margins International Workshop WACMA1 Dakhla. Morocco, 24-29 April

**2017.** Oral communication. J.F. Molina, F. Bea, P. Montero, F. **Haissen**, F. González-Lodeiro, A. Mouttaqi and A. Errami and O. Sadki “Microtextural, mineralogical and thermobarometric characterization of metagabbroites, charnockites and amphibolites from the Oulad Dlim Massif”. West African Craton and Margins International Workshop WACMA1 Dakhla. Morocco, 24-29 April

**2017.** Oral communication. P. Montero, F. Bea, F. **Haissen**, F. González-Lodeiro, J.F. Molina, A. Errami and A. Mouttaqi “The Gareg Granites: first evidence for an Archean core in the Oulad Dlim Massif” West African Craton and Margins International Workshop WACMA1 Dakhla. Morocco, 24-29 April

**2017.** Oral communication. B. Baidada, M. Ikenne, P. Barbey, A. Alansari, A. Soulaïmani, B. Coussens, F. **Haissen**, S. Ilmen “New zircon U-Pb ages of the Imiter granitoids (Saghro massif, eastern Anti-Atlas, Morocco): Geodynamic implications” West African Craton and Margins International Workshop WACMA1. Dakhla. Morocco, 24-29 April

**2017.** Oral communication. F. **Haissen**, P. Montero, F. Bea, A. Mouttaqi, J.F. Molina and A. Errami “New data on the Geology of southernmost Morocco (Reguibate shield, West African Craton)” The First Asro Geological Congress El Jadida, Morocco, 15-17 March

**2017.** Oral communication. A. Rafai, M.N., Zaghoul, F. **Haissen**, B. Louargli and A. Abassi “A Remnant ophiolitic rocks of the occidental Mesorif (External Rif, Morocco): Petrology constraints and implications for a new geodynamic scenario of the External Rif Belt” The First ASRO Geological Congress. El Jadida, Morocco, 15-17 March

**2017.** Oral communication. F. **Haissen**, P. Montero, F. Bea, A. Mouttaqi, J.F. Molina and A. Errami “Impact of modern technology and International cooperation on the evolution of the Geology of Southernmost Morocco » 10<sup>ème</sup> Colloque International «Magmatisme, métamorphisme et minéralisations associées 3MA » Meknès-Ifrane, 2-4 April

**2016.** Oral Communication P. Montero, F. Bea, F. **Haissen**, J.F. Molina and A. Mouttaqi “Impact of Ibersims Shrimp (Macarena) on the geological knowledge of the Western Reguibat Shield, Northern West African Craton” VIII International Shrimp Workshop, Granada, Spain, 6-10 september <http://www.ugr.es/~shrimpworkshop/>

**2016.** Oral communication. O. Saddiqi, A. Michard, S. Zouhri, F. Bea, F. **Haissen**, P. Montero, E. Mansour, A. Mouttaqi, and E. Rjimati “The West African Craton and the Mauritanides in Southern Morocco: A recommended geotrail straddling the Atlantic margin and the Sahara Approches” The 1<sup>st</sup> Colloquium of International Program of Geosciences IGCP638. Dakar, Sénégal, 5-10 December

**2016.** Poster **Haissen**, F., Zaghoul, N., Y. Dilek, A. Rafai, L. Maacha, A. Michard “Oceanic Crustal rocks in the External Rif (Morocco with high K-boninitic affinities: Subduction initiation record for the Ligurian-Maghrebian Basin?)” IGCP Project 649, 2<sup>nd</sup> Annual Meeting, Cyprus, 14-20 May <http://www.igcp649.com/>

**2016.** Talk F. **Haissen** and L. Maacha “Chromitites associated to Bou Azzer Ophiolites (Pan-African Anti-Atlas belt, Morocco): State of current Knowledge” Workshop of the DIACRO Group ( Diamante, Circon y otros minerales exóticos en cromititas ofiolíticas y rocas asociadas). Barcelona University, Spain, 21-24 April (<http://caribbeanlithos.com/>)

**2016.** Oral communication F. **Haissen**, P. Montero, F. Bea, A. Mouttaqi, J.F. Molina, A. Cambeses, E. Rjimati and A. Bouali “Carbonatites from Southernmost Morocco (Reguibat Shield, West African Craton : Mineralogy,

Geochemistry, Geochronology and Economic Potential". Premières Journées géologiques du Ministère de l'Energie, des Mines, de l'Eau et de l'Environnement Rabat, Morocco, 10-12 May

**2015.** Talk F. **Haissen** "Plio-quaternary Volcanism in Morocco or Moroccan Hot line" Geolodia 15 de la Sociedad Geologica de Espana - Region de Murcia "Navegando entre volcanes" 8-9 May  
[http://www.sociedadgeologica.es/divulgacion\\_geolodia\\_activ2015.html](http://www.sociedadgeologica.es/divulgacion_geolodia_activ2015.html)

**2015.** Oral communication F. **Haissen**, P. Montero, F. Bea, A. El Archi, E. Rjimati and A. Mouttaqi "les syénites d'Awsard (dorsale de Reguibate, Craton Ouest Africain): Une empreinte magmatique assez particulière" 9<sup>eme</sup> Colloque Magmatisme, Métamorphisme et Minéralisations Associées 3MA, Taroudante - Agadir, Morocco, 2-4 April

**2015.** Oral communication G. Balambula, A. Ennaciri, F. **Haissen**, and Z. Baroudi « Minéralisation cuprifère du secteur d'Ambed/Bou Azzer central / Anti Atlas Maroc » 9<sup>eme</sup> Colloque Magmatisme, Métamorphisme et Minéralisations Associées, Taroudante - Agadir, Morocco, 2-4 April

**2015.** Poster G. Balambula, A. Ennaciri, F. **Haissen**, Z. Baroudi, S. Alikouss, Y. Zerhouni & M. Hibti « Indices cuprifères d'Ambed (Bou Azzer Maroc) » Les Premières Journées Jeunes Chercheurs en Géosciences JJCG 2015, Bouznika, Morocco, 21-22 March

**2015.** Oral communication G. Balambula, A. Ennaciri, F. **Haissen** & Z. Baroudi "Minéralisation cuprifère du secteur d'Ambed/ Bou Azzer, Anti-Atlas central, Maroc" 2<sup>ed</sup> Annual Meeting of "Comision de Petrologia, Geologia y Geochronologia de Rocas Igneas y Metamorficas (PGG-RIM) de la Sociedad Geologica de Espana, Rencontre Hispano-Portugo-Marocaine Casablanca-Anti-Atlas, Morocco, 23-27 March

**2014.** Oral communication H. El Hadi, G. Zahour, F. **Haissen**, A. Ghafiri, A. Tahiri, B. Baghdadi « Le patrimoine géologique, archéologique et minier de la région centre atlantique du Maroc : une richesse à préserver pour un développement régional durable » International Conference in Integrated Management of Environment (ICIME) Hammamat, Tunisia, 25-28 September.

**2014.** Poster H.El Hadi, G. Zahour, F. **Haissen**, A. TAHIRI, Z. BAROUDI, A. GHAFIRI, S. EL MOUTAKI « Le patrimoine Géologique, archéologique et minier de la région centre atlantique (Kénitra-Safi) : une richesse à préserver pour un développement régional durable ». Le premier workshop sur le projet centre ReNSA : «Environnement et Valorisation des Plantes Médicinales du Maroc » Mohammedia, Morocco, 12 June

**2014.** Talk F. Bea, P. Montero, F. **Haissen**, J.F. Molina and J. Scarrow "Unique deep-seated kalsilite-bearing rocks of the Reguibat Rise, West African Craton: The Awsard massif, South Morocco" 1<sup>st</sup> Annual Meeting of "Comision de Petrologia, Geologia y Geochronologia de Rocas Igneas y Metamorficas (PGG-RIM) de la Sociedad Geologica de Espana Gredos, Spain 24-26 June.  
<http://www.ugr.es/~malmolaroko/actividades/2014Gredos/gredos2014.htm>

**2003.** Poster F. **Haissen**, A. Garcia-Casco and R.L. Torres-Roldan «Trajectoire P-T des granulites mafiques des unites Casares-Los Reales Bético-rifaines» 3<sup>eme</sup> Colloque Magmatisme, métamorphisme et minéralisations associées 3MA Casablanca, Morocco, 8-10 May

**2003.** Poster 2 F. **Haissen**, A. Garcia-Casco and R.L. Torres-Roldan "Problems related to the use of quantitative mineral geothermobarometry in the case of natural granulites: Examples from Betic-Rifean Cordillera and from other granulite terranes" 3<sup>eme</sup> Colloque Magmatisme, métamorphisme et minéralisations associées 3MA Casablanca, Morocco, 8-10 May

**2003.** Oral communication A. Aghzer, F. Benchekroun, F. **Haissen** and A. Rhoujjati «Granulites basiques de haute pression de l'Unité de Filali (Rif interne, Maroc): Contexte tectono-metamorphique » 3<sup>eme</sup> Colloque Magmatisme, métamorphisme et minéralisations associées 3MA Casablanca, Morocco, 8-10 May

**2002.** Oral communication F. **Haissen**, A. Garcia-Casco, R.L. Torres-Roldan and A. Aghzer "Decompression reactions and P-T conditions in high pressure granulites from Casares –Los Reales units of Betic-Rifean belt (S Spain and N Morocco)" 19<sup>th</sup> Colloquium of African Geology El Jadida, Morocco, 19-22 March

**2001.** Oral communication A. Garcia-Casco, R.L. Torres-Roldan, G. Millan, P. Monié and F. **Haissen** “P-T Evolution and hydrous melting of metapelites in the Pinos Terrane (Cuba): Tectonic implications for the Early development of the Cuban collisional Belt” IV Congreso de Geología y Minería GEOMIn’2001 Habana, Cuba

**2001.** Oral communication F. **Haissen**, A. Garcia-Casco, R.L. Torres-Roldan «Granulites mafiques des unités Casares- Los Reales des deux côtés de la Méditerranée occidentale: Cordillères Bétiques (S Espagne) et chaîne Rifaine (N Maroc)» Séminaire sur l’Etat des connaissances géologiques des régions nord du Maroc: la chaîne rifaine dans son cadre méditerranéen occidental, Rabat, Morocco, 29-30 october

**2001.** Oral communication A. Aghzer, A. Rhoujjati, F. Benchekroun, F. **Haissen** and A. El Archi «Thermobarométrie et Trajet P-T des gneiss migmatitiques de l’Unité Filali (Massif de Beni Bousera, Rif interne)» 2<sup>ème</sup> Colloque Magmatisme, Métamorphisme et Minéralisations associées 3MA Marrakech, Morocco, 10-12 May

Oral communication F. **Haissen**, A. Garcia-Casco, R.L. and Torres-Roldan «Textures réactionnelles des granulites mafiques Betico-Rifaines : Diffusion intergranulaire et croissance metastable de Spinelle », 2<sup>ème</sup> Colloque Magmatisme, Métamorphisme et Minéralisations associées 3MA Marrakech, Morocco, 10-12 May

**1999.** Oral communication F. **Haissen**, A. Garcia-Casco and R.L. Torres-Roldan «Trajectoire P-T des granulites mafiques des unités Casares- Los Reales Betico-Rifaines » 1<sup>er</sup> Colloque Magmatisme, Métamorphisme et Minéralisations associées 3MA Meknès, Morocco, 8-10 May

**1992.** Oral communication F. **Haissen**, A. Garcia-Casco and R.L. Torres-Roldan: « Termobarometria en metapelitas de grado medio de Unidades Alpujarrides de la Zona Betica Occidental, Espana » III Congreso Geologico de Espana y VIII Congreso Latinoamericano de Geologia Salamanca, Spain, 21-26 June

**1991.** Meeting of Group of IGCP256 “Ophiolite genesis and the evolution of oceanic lithosphere” Faculty of sciences, Granada, Spain

**1989.** Premier Colloque du Néogène Atlantico-Mediterranean Tétouan, Morocco, 18-21 June

**1988.** Colloque International des Bassins sédimentaires Tétouan, Morocco

## International Meetings and fieldtrips Organization

**2017:** The 2<sup>nd</sup> Colloquium of International Geoscience Program IGCP638. Casablanca, Morocco, November 7-12<sup>th</sup>, Casablanca, Morocco.

<http://igcp638.univ-rennes1.fr/> **Member of organization and scientific committees**

**2017:** the First West African Craton and margins international Workshop. 24-29 April 2017, Dakhla, Morocco (<http://www.wacma1.ma/>) **Member of organization and scientific committees**

**2017:** Les deuxièmes Journées Jeunes Chercheurs en Géosciences 2<sup>ème</sup> JJCG2017). 21-22 April 2017. Casablanca, Morocco. **Coordinator of organization committee**

**2017:** The First ASRO Geological Congress – [ASRO–GC 2017], El Jadida, Morocco <http://asro.org/conferences/asro-geological-congress/first-asro-geological-congress/> **Member of organization committee and chairwoman of Mineralogy-Petrology Session**

**2015:** Les premières Journées Jeunes Chercheurs en Géosciences (1ère JJCG2017). 21-22 March 2015. Casablanca, Morocco. **Member of organization committee**

**2015:** 2<sup>nd</sup> Annual Meeting of "Comision de Petrologia, Geologia y Geochronologia de Rocas Igneas y Metamorficas (PGG-RIM) de la Sociedad Geologica de Espana, 23-27 Marsh 2015, Morocco. Fieltrip in Neoproterozoic ophiolites of Anti-Atlas belt

**Chairwoman of Organization committee**

<http://www.ugr.es/~malmolaroko/actividades/2015Antiatlas/antiatlas2015.htm>

**2015:** Geoloday 15 « Navegando entre volcanes" 8-9 May 2015, Murcia, Spain

<https://fr.scribd.com/doc/289685659/Murcia-Geolodia-5-guia>

**Member of organization committee**

**2006:** The 2<sup>th</sup> Conference of the African Association of Women Geosciences ". El Jadida, Morocco.

**Member of organization committee**

## Others

+ **Languages** Arabic - French- Spanish- English

+ **Hobbies**

- ✓ Moroccan and world literature,
- ✓ painting murals and walls,
- ✓ restoration of antique furniture

+ **Associative life**

- ✓ 1990-1994: granted as member of public relations team of the President of Granada University
- ✓ 1994-1995: volunteer in Cruz Roja Granada (assistance of illegal immigrants)
- ✓ 1998-2003: Member of American International Women Club of Casablanca AIWCA
- ✓ since 2017: Expert of Open Mind Initiative (<http://mindiniative.com/>).