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**JUST-CRS**  
Clinical Rehabilitation Science

# New Master Degree

in Clinical  
Rehabilitation  
Sciences



**Training in Europe**

EDITION 4

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[www.crs.just.edu.jo](http://www.crs.just.edu.jo)

# WELCOME



Thank you for your interest in the JUST Clinical Rehabilitation Sciences Master's Program "JUST-CRS".

And thank you for your interest in our newsletter.

We are now 2 years into the CRS project, and one year into the CRS the master program. We have accomplished so many milestones so far. In this newsletter, we will tell you about the CRS students' clinical training that took place in rehabilitation centers affiliated with our European partner institutions. Collaborative teaching has also continued. One exciting news is that we have accepted another cohort of students. This is great news for the sustainability of the project and the CRS master program

Again...

**Thank you for your interest in our master program.**

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On behalf of JUST-CRS Team,

**Dr. Mohammad Nazzal**



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of the European Union

# Clinical Training in Europe Lisbon, Portugal



**A group of students** from the Interdisciplinary Clinical Rehabilitation Sciences' Master program from Jordan University of Science & Technology have started their clinical training journey in Lisbon, Portugal, where the students will be hosted at the Escola Superior De Saúde Do Alcoitão (ESSA) in Estoril. This is part of the implementation activities of the EU-funded JUST-CRS Clinical Rehabilitation Sciences project (EU Erasmus Plus Program). Three students from the program will spend 2-month clinical training at the occupational (OT) and physical therapy (PT) clinics at Centro de Medicina de Reabilitação de Alcoitão, Centro de Reabilitação de Paralisia Cerebral Calouste Gulbenkian (CRPC-CG) and Fisiológica.

**Prof. Antonio Alves Lopes**, the project coordinator in ESSA, stated: "This experience is very important because it will allow the development of the students clinical

competencies in an interdisciplinary and multicultural context". Prof. Silvia Martins from occupational therapy stated "It is very important that the students can see in place the many different responses that Portugal has developed to promote health and wellbeing of persons with disabilities, to get inspired to find their own responses in Jordan, mainly in the community field".

Thank you ESSA team for your great collaboration and continued support.

Thanks to the EU Erasmus Plus Program for support and fund of the whole project; students' travel and cost of stay are covered.

The Interdisciplinary Clinical Rehabilitation Sciences' Master program is hosted at the Department of Rehabilitation Sciences in the Applied Medical Sciences Faculty of Jordan University of Science & Technology in Jordan.



Lisbon  
Portugal

# Clinical Training for CRS students in Lisbon, Portugal



# JUST-CRS Master Students Begin Their Clinical Training Journey in Ankara

**Five students from Jordan have started their clinical training journey in Ankara, Turkey.** This is part of the implementation activities of the EU-funded JUST-CRS Clinical Rehabilitation Sciences project (EU Erasmus Plus Program). The 5 master students from the program will spend 2-month clinical training at the occupational (OT) and physical therapy (PT) clinics of the School of Health Sciences at Hacettepe University.

**Prof. Ayşe Karaduman**, the project coordinator in Hacettepe University, stated: 'We are very thrilled to have reached this phase in the project and to receive students from JUST. This is the fruit of all of everyone's hard work on this project'. After welcoming, students have received an orientation and a tour around the PT and OT departments and met with other staff from Hacettepe.

**Thank you Hacettepe team for your continued support.**

Thanks to the EU Erasmus Plus Program for support and fund of the whole project.; students' travel and cost of stay are covered.

**The Interdisciplinary Clinical Rehabilitation Sciences'** Master program is hosted at the Department of Rehabilitation Sciences in the Applied Medical Sciences Faculty of Jordan University of Science & Technology in Jordan



# ANKARA



# JUST-CRS Students Begin Their Clinical Training Journey in UK

## Two students from Jordan have completed their clinical training in Oxford, UK.

This is part of the implementation activities of the EU-funded JUST-CRS Clinical Rehabilitation Sciences project (EU Erasmus Plus Program). The 2 master students from the program will spend 2-month clinical training at the occupational (OT) and physical therapy (PT) clinics at the Centre for Movement, Occupational and Rehabilitation Sciences.

Prof. Helen Dawes, the project coordinator in OBU, stated: 'We are very thrilled to have reached this phase in the project and to receive students from JUST.

This is the fruit of all of everyone's hard work on this project'. After welcoming, students have received an orientation and a tour around the PT and OT departments and met with other staff from OBU.

### Thank you OBU team for your continued support.

Thanks to the EU Erasmus Plus Program for support and fund of the whole project; students' travel and cost of stay are covered.



UK



# JUST-CRS Welcomes a Second Cohort of Students

**The JUST-CRS program continues to attract highly competent students through a systematic and transparent approach using a selection work package.**

The overall aim of the students' Selection work package is to serve as a quality gatekeeper for the selection of prospective students into the program. The specific aims of this work package are to ensure the enrolment of highly competent students who can cope with and succeed on the course of the new master program, and to promote transparent selection of quality candidates.

The selection criteria was based on the discussion with our Jordanian and European partners of the JUST-CRS consortium, all the while abiding with the overall rules and regulations that are implemented by the Deanship of Graduate Studies at Jordan University of Science & Technology. Besides the selection criteria already implemented at JUST, the program has impeded new criteria on professional and career developments, community service as well as participation and attendance of professional continuing education.

The second cohort of JUST-CRS Master program, consisting of 13 high-achieving students, was selected and enrolled into the JUST-CRS masters program.

# STUDENTS PROFILES



**Ms. Alaa' Bath**

Class of 2020

**Alaa' is an Occupational Therapist** and currently working at the Arab American University in Palestine. She is a research and teaching assistant and the director of the Children's Rehabilitation Center.

Joining the masters program “is a way to develop myself, get promotion in the job and to be more involved in the academic field”. She adds that there is an urgent need at her home university where they are short of highly qualified teaching staff.

**She adds** that JUST “among the prestigious universities and well-recognized for its distinguished academic level.” In addition, JUST-CRS is “a new program in the Arab world and that that the co-organized by European countries adds the richness and diversity of experiences and competencies”



**Ms. Farah Salameh**

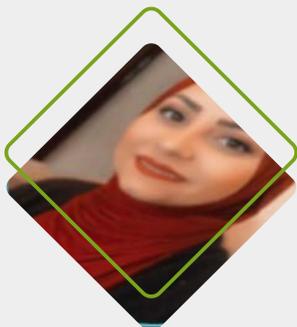
Class of 2020

**Farah is a Physical Therapist who** believes that everyone deserves the best quality of life and to perform everyday tasks independently.

**She comments that** being a master’s degree student will “lead to change my mind, how to think, and see things in different ways” and will “Help me to search, find and use the evidence-based practice”.

“**JUST ranked first locally**” is one of the reasons why Farah chose the JUST-CRS program. And because this program is “the first interdisciplinary master program in the middle east” that will “enable me to travel and know about different cultures” especially that this program has co-organizers from “three other top-notch European institutions in the field of Rehabilitation sciences”

# STUDENTS PROFILES



**Mrs. Hana'a Samara**

Class of 2020

**Hana's is an Occupational Therapist who** has been working at the Arab American University in Palestine as a research and teaching assistant since 2016.

Being a master's degree student is a worthy step which will "get me a step further towards obtaining a PhD in Occupational therapy".

Obtaining a master's degree "will qualify me to be a lecturer at Arab American University in Palestine"

**She adds that** she is excited to join a program in a well recognized university, "especially that there are different experiences and many lecturers with various backgrounds and advanced research skills from Jordan, UK, Portugal and Turkey"



**Ms. Malak Titi**

Class of 2020

**Malak is a dedicated Occupational Therapist who** has been working in the UNRWA association for three years.

Being a master's degree student will "help me gain advanced scientific and practical experiences"

Obtaining a master's degree "will help me to become a researcher and will add to my skills that will further help patients in their lives"

**She adds that** she grateful to join the JUST-CRS program and that having partnering European universities "broadens the student's perceptions and gives the opportunity to learn extensive knowledge coming from various backgrounds"

# STUDENTS PROFILES



**Mrs. Mervat Mustafa**

Class of 2020

**Mervat is an experience pediatric Occupational Therapist** with more than 15 years of experience.

Being a master's degree student will "help gaining better job opportunities and evidence-based practices" and is an opportunity to be "a qualified university lecturer and an OT who can apply evidence-based practice in the clinical settings."

**She concludes that** JUST-CRS as it "is the first master degree with unique collaborations" especially that is being held at JUST" which is a well-known and strong university in Jordan."



**Ms. Raja' Alzoubi**

Class of 2020

**Raja's earned her bachelor degree in occupational therapy** from JUST and worked in different locations after graduation. She is very keen to work with patients following falls.

Being a master's degree student will "will be a good chance become an academic and researcher" and is an opportunity to be "reach my aim of getting a PhD."

She adds that "JUST-CRS comes with the opportunity to study rehabilitation sciences learning form different national and European expertise." **She is also excited to** "learn from different knowledge backgrounds, experiences, and cultures, as much as I can and more."

# STUDENTS PROFILES



**Ms. Rawan Sweileh**

Class of 2020

**Rawan is a Physical Therapist who** aim through her work to help patients and to promote the ability to move, reduce pain, restore function, and prevent disability.

**She believes that** “research is important in our everyday practice as it will inform us the best evidence” to apply in practice

**She adds that** she is always been interested in research and that JUST-CRS “will encourage to gain more research skills, ask questions and practice physical therapy on scientific bases” and that the program will “expand my knowledge in various fields of rehabilitation.”



**Ms. Bara'ah Bsharat**

Class of 2020

**Is a passionate occupational therapist who** is thrilled to be a master's student in the JUST-CRS program.

**She aims** “to gain more skills, learn more information and to become a good educator.”

**She adds that** “JUST-CRS offers the chance for occupational therapist to continue their graduate studies in Jordan. A chance that is not available in other universities”

# STUDENTS PROFILES



**Ms. Eman Abokhrama**

Class of 2020

**Eman is an Occupational Therapist who** “always been my passion to help people” and “I have always been taught, treat others as you want to treat yourself.”

Being a master’s degree student will offer “opportunities, excitement about the future, and a general sense of purpose.”

**She decided to** “pursue a graduate degree to gain knowledge and skills that will help me succeed and expanded in future employment opportunities, and I am looking forward to getting a Ph.D.”

**She concludes that** “I chose the JUST-CRS program because of its great academics, the high university qualification, and the flexible learning options.”



**Ms. Ruba Al-batayneh**

Class of 2020

**Ruba is a Physical Therapist who** graduated from Hashemite university in 2018. She always eager to continuously improve her skills and gain more experiences.

**She chose to** continue her studies to “to obtain more research knowledge aiming to conduct more research in the physical therapy field.”

One of the reasons **she decided to** join JUST-CRS is the “high rank of JUST being among the top 400 universities around the world” being the only university in Jordan that offers this program

**She adds** “JUST-CRS enables me to deal with interdisciplinary team. This effective approach will allow developing new skills and help plan effective interventions”

# STUDENTS PROFILES



**Mrs. Hanan Issa Madi**

Class of 2020

**Hanan is an Occupational Therapist who** graduated from Hashemite University. **She is** a lab instructor and a clinical supervisor with an eight years of experience dealing with various populations and who is ambitious to become a university Professor.

One of the reasons to join JUST-CRS is the need “for interdisciplinary clinical rehabilitation using evidence-based clinical reasoning in Jordan.”

Other reasons include that JUST-CRS “is taught with European expertise side-by-side with Arab expertise, which enrich the quality and quantity of the presented materials.” The project also “allows students to visit a European country to attend the clinical training in a highly ranked university.”



**Ms. Salam Alruz**

Class of 2020

**Salam is A Physical therapist who** is a teacher assistant and clinical supervisor.

**She considers** the master’s degree as “responsibility to improve my knowledge and a precious opportunity.”

**Salam has** gained a scholarship to complete her master’s degree. **She always have** had “a great passion for Physical Therapy and great interest in rehabilitation Sciences”

# STUDENTS PROFILES



**Ms. Dalia Al-Hourani**

Class of 2020

**Dalia is the head of Occupational Therapy** department at Al-Rashid hospital center. **She states that** “helping people to become more independent, to have a purpose and meaning in their lives makes me eager to learn more about occupational therapy”

Some of her personal goals include “improving the rehabilitation services in Jordan, increase awareness about the disability, and educate the people with disability about their rights”

**She always** “looking forward to the opportunities and challenges I will face in my career, meeting new people, making a new starts and learning new skills” and that join the JUST-CRS program will help her to open “own occupational therapy clinic for treating psychological and neurological disorders”

# PROFESSORS PROFILES



**Dr. Khader AlMhdawi**

Associate Professor  
Occupational Therapy

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**Associate Professor**, Department of Rehabilitation sciences, Faculty of Applied Medical Sciences, Jordan University of Science and Technology  
PhD in Rehabilitation Sciences (stroke rehabilitation) from the University of Minnesota, USA in 2011

## RESEARCH

**His research** involve adults' physical dysfunctions particularly neurorehabilitation and musculoskeletal rehabilitation, assistive technology, occupational stress, medical education, and accommodating individuals with disabilities and integrating them in community.



**Dr. Saddam F. Kanaan**

Assistant Professor  
Physical Therapy

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**Assistant Professor in Physical Therapy**, Department of Rehabilitation sciences, Faculty of Applied Medical Sciences, Jordan University of Science and Technology  
**He** holds a PhD degree in Rehabilitation Science and post-graduate diploma in health professions education from the University of Kansas Medical Center (Kansas/ the USA).  
Course coordinator clinical instructor of many orthopedic courses and clinical practicum

## RESEARCH

- Effectiveness of manual therapy approaches on different musculoskeletal disorders
- Prevalence and associated factors of physical and mental symptoms among healthcare students

# PROFESSORS PROFILES



**Dr. Alham AL-Sharman**

Assistant Professor  
Physical Therapy

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Assistant professor, Department of Rehabilitation sciences, Faculty of Applied Medical Sciences, Jordan University of Science and Technology

## RESEARCH

Main research interests include understanding how non-motor symptoms impacts physical and cognitive function, learning, and overall health in adults both with and without neurologic injury or disease (multiple sclerosis).

Current research focus involve examining the use of interventions to improve motor learning in people with multiple sclerosis and its associated factors



**Dr. Fidaa Al-Momani**

Associate Professor  
Occupational Therapy

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Associate professor of Occupational Therapy, Department of Rehabilitation sciences, Faculty of Applied Medical Sciences, Jordan University of Science and Technology.

Dr. Momani earned her PhD degree in therapeutic sciences from Kansas University Medical Center in the United States.

## RESEARCH

Her main research interests are Cross-cultural adaptation of Rehabilitation assessments and Geriatrics.

# PROFESSORS PROFILES



OXFORD  
BROOKES  
UNIVERSITY

## Dr Johnny Collett

Professor  
Movement Science

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Johnny is a Senior Clinical Research Fellow, Physiotherapy and Rehabilitation, Faculty of Health and Life Sciences

### RESEARCH

Johnny's research primarily involves rehabilitation for people with neurological conditions, including trials of exercise intervention. These trials include conditions such as MS, PD and HD.

A member of Oxford Institute of Nursing, Midwifery and Allied Health Research (OxINMAHR), Centre for Movement, Occupational and Rehabilitation Sciences (MORes), Movement Science Group (MSG) and CLIncal Exercise And Rehabilitation (CLEAR)



OXFORD  
BROOKES  
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## Prof. Derick Wade

Professor  
Neurorehabilitation

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Prof. Wade is a consultant in neurological rehabilitation. Since 1994 he has edited the specialist journal Clinical Rehabilitation and is regularly invited to give lectures worldwide.

### RESEARCH

His research activities cover a wide area - he has published over 170 papers in peer reviewed journals on many different studies including twelve randomized controlled trials, studies on many measures of outcome, investigation of specific phenomena such as hysteria, and studies on the natural history of illness in disabling neurological conditions.

# PROFESSORS PROFILES



**Sílvia Coelho Martins**

Lecturer  
Occupational Therapy

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Sílvia's professional experience is in the area of aging, especially in the active aging and people with dementia.

She has been a lecturer in ESSA since 1991 in the subjects of intervention with older persons, Occupational Therapy and Occupational Science and in Community Development and Participation.

Sílvias has participated in several European Projects in the field of Community Intervention and intervention with older persons and was a lecturer in the first occupational therapy programs in Georgia, Romania, Polonia and Mozambique.

## RESEARCH

Her research interests are in the area of aging (active aging and people with dementia).



**Prof. Isabel Guimarães**

Professor  
Speech Therapy

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Isable is a professor in the Department of Speech and Pathology, ESSA

She has been teaching and training at ESSA for several years.

She is the Coordinator of the Master in Speech Therapy (specialization in Orofacial Motricity and Swallowing)

She is also the Vice President of ESSA's Technical-Scientific Council

## RESEARCH

Director and Founder of the Portuguese Journal of Speech Therapy

Her research interest include various speech and language therapy aspects

# PROFESSORS PROFILES



**Dr. Mohammad Jebril**

Assistant Professor  
Occupational Therapy

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**Dr. Jebril is a member of** the National steering committee for community rehabilitation reform and a member of The National steering committee for mental health reform.

**He served** as the chairperson of physical and occupational therapy department at HaU.

**Dr. Jebril holds** MSN in Nursing science and MAOT in occupational therapy.



**Dr. Hashem Abu Tariyah**

Assoc. Professor  
Occupational Therapy

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**Dr. Abu Tariyah has** wide clinical and academic experiences through his work and study at the United States and The Hashemite University.

He is currently an associate professor at the Hashemite University and holds the position as an Assistant dean.

**He holds** a PhD in Occupational Therapy from Texas Women University in 2006.

# PROFESSORS PROFILES



**Dr. Haifa Batarseh**

Assistant Professor  
Occupational Therapy

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Dr Batarseh is an Assistant Professor at the Department of Physical and Occupational Sciences at the Faculty of Applied Medical Sciences, The Hashemite University. She is also the Assistant Dean of the Deanship of Students Affairs

She obtained her PhD Doctor of Science in Occupational Therapy/Occupational Science from Towson University, USA in 2015

## RESEARCH

Occupational Therapy for pediatrics especially children with autism spectrum disorders



**Prof. Akmer Mutlu**

Professor  
Physical Therapy

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She is currently working as a lecturer for the Cerebral Palsy Unit in the clinical and research field.

She worked as a researcher on Prechtl Analysis of Newborns and Infants in the Institute of Physiology, Austria, Graz School of Medicine and as a "pre-doctoral fellow" at Northwestern University and the Rehabilitation Institute of Chicago in United States of America.

## RESEARCH

Her research interests include high risk infants, early intervention, general movements of preterm and term infants with Prechtl Analysis, children with cerebral palsy and other childhood disabilities and their rehabilitation.

# PROFESSORS PROFILES



**Prof. İREM DÜZGÜN**

Professor  
Physical Therapy

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Prof. Duzun is a professor, lecturer and researcher in the Physical Therapy Department of the Faculty of Health Sciences, Hacettepe University.

She is part of several research projects supported by Higher education institutes

## RESEARCH

Her research interest is in vVarious areas in physical therapy especially orthopedic rehabilitation management of frozen shoulder, therapeutic exercises, effect of taping on scapular kinematics shoulder-specific adaptations in overhead athletes



**Prof. Tüzün Fırat**

Assoc. Professor  
Physical Therapy

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Prof. Tüzün has been performing academic and clinical studies in Hand Surgery Rehabilitation Unit since, Department of Physiotherapy and Rehabilitation, Faculty of Health Sciences, Hacettepe University since 2007

Previously, worked as a research fellow in Christine M. Kleinert Institute for Hand and Microsurgery in United States of America

## RESEARCH

His research interests include Upper Extremity Musculoskeletal Problems, Brachial Plexus Injuries, Peripheral Nerve Lesions and Muscle Architecture.



Co-funded by the Erasmus+ Programme of the European Union

# Teaching Activities

## New Master Degree in Clinical Rehabilitation Sciences

faculty of Applied Medical Sciences at

# JUST



### 4.5.1 Prof Karaduman and Prof. Akel conducted a teaching mobility to Jordan teach at JUST-CRS

**JUST-CRS** Implementation Work package involved hosting a number of international lecturers and speakers from partner European institutions. Professor Ayşe Karaduman and Semin Akel is a professor of Physical Therapy and the coordinator of JUST-CRS at Hacettepe University, Turkey alongside with Professor Semin Akel from the Occupational Therapy Department have conducted a teaching mobility from Turkey to Jordan and participated in teaching our first/Second Cohorts face to face at the faculty of Applied Medical Sciences at Jordan University of Science & Technology (the host of the master program). They taught Practical Applications on the International Classification of Functioning and Community Based Rehabilitation: How to plan a project.

These units are part of the CRS master program courses; CRS 712 Applied Models in Rehabilitation Sciences and CRS 753 Community Development Programs in Rehabilitation Science. The students were delighted to have encountered such wealth of knowledge and experience in the subject matter. The professors have applauded the students' enthusiasm and interest in learning and discussion



# Teaching Activities



## 4.5.2 Dr Patrick Esser participated in teaching mobility to JUST to teach at JUST-CRS

Dr Patrick Esser is a distinguished member of the Movement Science Group based within the Centre for Movement, Occupation and Rehabilitation Sciences at Oxford Brookes University, UK. Dr Esser has conducted teaching mobility and participated in teaching our first/Second Cohorts face to face at the faculty of Applied Medical Sciences at Jordan University of Science & Technology (the host of the master program). Prof. Esser has taught the modules of gait biomechanics research and theory and technology and long term conditions. These units are part of the CRS master program course; CRS 791 Research Methods in Rehabilitation Sciences. Students interacted enthusiastically with Dr. Esser who applauded the students' interest in learning and discussion.

The JUST-CRS master's program has hosted a number of international lecturers and speakers from partner European institutions as part of JUST-CRS Implementation Work package.

## An Audit visit from EACEA to JUST-CRS

JUST-CRS has received a scheduled audit visit by the 'Education, Audiovisual and Culture Executive Agency' (EACEA) represented by the programme manager Mr. Clivio Casali in September 2018 at the grant holder campus "Jordan University of Science and Technology" Irbid, Jordan.

Mr. Casali was accompanied by the National Jordanian Erasmus+ Office (NEO) team represented by the director of NEO Professor Ahmad Abu- El-Haija and Dr Reem Alkhader the project officer. The meeting was also attended by the dean of Faculty Applied Medical Science, Dean of Faculty of Graduate studies, the project coordinators from all Jordanian Universities as well as project coordinators from all European partners through Skype Online Video conferencing Technology. The meeting was also attended by a number of Jordanian professors who taught and participated in the project as well as a group of CRS students.

In the meeting, Dr. Mohammad Nazzal has briefed the audience about the project, and project coordinators presented about their respected work packages in which they are leading. Then, Mr. Casali listened to the Jordanian professors to get input about the impact of the project. Finally, Mr. Casali met with a group of students and listened to their feedback about the program, training that was held in Europe and their overall experience with the project.

Mr. Casali and the delegation has commended the project on the many achievements that have been already accomplished and gave some comments and suggestions about some of the work packages that have some delay. A mitigation plan has been briefly discussed with the coordinators to be confirmed by the Quality Committee.



# Contact Us

## **JUST-CRS Project**

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**JUST.REHAB.2017**