

## TwinLife User Conference

### PROGRAM OVERVIEW

#### Wednesday, 26th March

- 09:00 – 09:30 **Registration** for Pre-Conference Workshop Attendees (Room B2880)
- 09:30 – 16:30 **Pre-Conference Workshop** (Room B3009) → see specific workshop time table: <https://tluc.uni-bremen.de/index.php/program>
- 16:30 – 17:30 **Registration** (Room B2880) / Break for Pre-Conference Workshop Attendees
- 17:30 – 19:00 **Welcome Reception** (Room B3009): *TwinLife – Past, Present, and Future*
- Christian KANDLER et al.: Welcome & General Introduction to TwinLife  
Charlotte PAHNKE: TwinSNPs  
Alicia SCHOWE: TwinLife Epigenetic Change Satellite (TECS)  
Lena WEIGEL: ImmunoTwin  
Moana BEYER: TwinLife Environment
- 19:00 – 22:00 **Get Together** at Café UNIQUE ([https://unique-hb.de/?page\\_id=216](https://unique-hb.de/?page_id=216))
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#### Thursday, 27th March

- 08:30 – 10:00 **Late Registration** (Room B2880)
- 08:45 – 09:45 **Plenary Discussion** with Sabrina TORREGROZA & Svenja EIBELSHÄUSER:  
*TwinLife and infas: A Longitudinal Partnership* (Room B3009)
- 09:45 – 10:15 **Coffee Break** (Floor GW2)
- 10:15 – 11:15 **Paper Presentation Session 1**
- PPS 1A **Methods** (Room B3010) – Chair: Steven WEZEL
    - 10:15 Juan Gabriel RODRIGUEZ & Raquel Sebastián Lago: *Effort, Genes and Circumstances*
    - 10:35 Laura BOTZET et al.: *To Adjust or to Weight? Dealing With Confounding Variables When Estimating Effects of Hormonal Contraception on Women's Sexuality in Longitudinal Data*
    - 10:55 Steven WEZEL et al.: *Differences Between Nuclear Twin Family and Classical Twin Model Parameter Estimates in Assortative Mating Based on Simulated Data*
  - PPS 1B **Health and Well-Being** (Room B3009) – Chair: Marco DEPPE
    - 10:15 Marco DEPPE: *Well-Being Research Based on Twinlife Data*

10:35 Charlotte MISCHNER & Christian Wolff: *NTFD Decomposition of Trait, State, and Slope Variance of Life Satisfaction in Childhood and Early Adulthood*

10:55 Laura HELBIG: *The Confounding Role of Household Chaos in the Association Between Mental Health Problems and School Grades*

11:15 – 11:30 **Short Break**

11:30 – 12:30 **Paper Presentation Session 2**

- **PPS 2A Politics, Values, and Religiousness** (Room B3010) – Chair: Ariel KNAFO-NOAM
  - 11:30 Kevin CHENG: *Personality, Politics, and Pedigree: Insights From a Cross-Sequential Study of German Twins*
  - 11:50 Christoph SPÖRLEIN et al.: *Longitudinal Development of Gender Differences in Religious Participation During Adolescence*
  - 12:10 Ariel KNAFO-NOAM: *The Genetic and Environmental Contribution to Values: New Results From the Longitudinal Israeli Study of Twins and Ideas for Collaboration*
- **PPS 2B Peer Victimization and School Stress** (Room B3009) – Chair: Ruyan LUO
  - 11:30 Ruyan LUO & Yixuan Liu: *A Co-Twin Control Study of the Association Between School Stress and Depressive Symptoms in Adolescence*
  - 11:50 Lucy BOWES: *Does Negative Parenting Behavior Lead to Later Peer Victimization? A Longitudinal Co-Twin Control Study*
  - 12:10 Benjamin IFFLAND et al.: *Vulnerability for Peer Victimization: Examination of Heritability and Risk Factors in a Twin-Family Study*

12:30 – 13:30 **Lunch** (Mensa)

13:30 – 14:30 **Workshop & Paper Presentation Session 3**

- **Workshop ImmunoTwin** (Room B3009)
  - 13:30 Jonathan TURNER: *What is ImmunoTwin?*
  - 13:45 Jeanne Le CLÉAC'H et al.: *Impact of Psycho-Social Environment (PSE) on Immune Profiles: Immunophenotyping Adversity-Divergent Monozygotic Twins*
  - 14:00 Archibold MPOSHI et al.: *Biological Embedding of the Psycho-Social Environment: Insights From Monozygotic Twin DNA Methylation Analysis*
  - 14:15 Discussion
- **PPS 3 Birthweight and Zygosity Effects on Child Development** (Room B3010) – Chair: Roberts EVES
  - 13:30 Robert EVES et al.: *Differences in Relative Birthweight Between Twins and Its Association With Cognitive Outcomes*
  - 13:50 Julia KRELL et al.: *Differences in Relative Birthweight Between Twins and Its Association With Behavioural Outcomes*
  - 14:10 Karoline LANGNER: *Effect of Zygosity and Sex on Depictions of Affection in Twin Children's Drawings*

14:30 – 14:40 **Short Break**

14:40 – 15:20 **Paper Presentation Sessions 4**

- PPS 4A **Epigenetics I** (Room B3009) – Chair: Alicia SCHOWE
  - 14:40 Alicia SCHOWE et al.: *Genetic and Environmental Contributions to Salivary DNA Methylation Across Development: A Longitudinal Analysis of Monozygotic and Dizygotic Twins*
  - 15:00 Deniz FRAEMKE et al.: *Associations of DNA-Methylation Profile Scores of Cognition With Cognitive Development, Academic Performance, and Socioeconomic Attainments*
- PPS 4B **Parent-Child Transmission** (Room B3010) – Chair: Alexandra STARR
  - 14:40 Alexandra STARR et al.: *Does Parent-Child Resemblance in Intelligence and Reading Ability Predict Children’s School Performance?*
  - 15:00 Christina BORNER & Uwe Sunde: *Unfolding the Intergenerational Transmission of Economic and Social Preferences*

15:20 – 15:50 **Coffee Break** (Floor GW2)

15:50 – 16:50 **Paper Presentation Session 5**

- PPS 5A **Epigenetics II** (Room B3009) – Chair: Jana INSTINSKE
  - 15:50 Jana INSTINSKE et al.: *Epigenetic Aging and Personality Differences: Latent Change Analyses of Twin Data*
  - 16:10 Dmitry KUZNETSOV et al.: *Tracking Bullying Experience in Accelerated Epigenetic Aging During Adolescence*
  - 16:30 Yixuan LIU et al.: *Evidence of Faster Pace of Aging Measured in Saliva DNA Methylation Among Educational Mobile German Young Adults*
- PPS 5B **Parental Environment** (Room B3010) – Chair: Bastian MÖNKEDIEK
  - 15:50 Jasmin WERTZ: *Associations Between Parental Symptoms of ADHD and Parenting: Evidence From a Longitudinal Cohort*
  - 16:10 Bastian MÖNKEDIEK: *The Contributions of Genes And Environment to Leaving the Parental Home*
  - 16:30 Ilija MILOVANOVIĆ et al.: *Genetic and Environmental Effects on Personality and Perception of Parenthood: Insights From a Serbian and German Twin Study*

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17:00 – 18:00: German Twin Registry under Development (GerTRuD) Committee Meeting

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## Friday, 28th March

08:45 – 10:15 **Workshop** with Alexander CAMPBELL et al.: *Introduction to ICE FALCON: Novel Twin Methods for Causal Inference* (Room B3009)

10:15 – 10:45 **Coffee Break** (Floor GW2)

10:45 – 12:15 **Research Idea Presentation Session I & II**

- RIPS I (Room B3009) – Chair: Theresa ROHM
  - 10:45 Henriette BERING & Wiebke Schulz: *Parental Separation and Children's Educational Outcomes*
  - 11:00 Henriette BERING & Wiebke Schulz: *Extracurricular Activities and Educational Potential*
  - 11:15 Martin FIEDER: *Musical and Artistic Abilities as a By-Product of the Evolution of Human Pro-Sociality*
  - 11:30 Josué Jonatan Teran LINARTE: *Digital Device Usage and Cognitive Development in Children: A Longitudinal and Behavioural Genetic Approach*
  - 11:45 Kouta SASAKI: *The Triangle of Flexible Self-Regulation, Goal Achievement and Subjective Well-Being: Benefits of a Behavior Genetic Perspective*
  - 12:00 Alexandra ZAPKO-WILLMES & Julia M. Rohrer: *Birth-Order Effects on Individual Differences Among Twin Siblings*
- RIPS II (Room B3010) – Chair: Christian KANDLER
  - 10:45 Sören HESE et al.: *Can High Dimensional Earth Observation Based Environmental Information Explain Epigenetic Clock Pattern Variability in Twinlife?*
  - 11:00 Caspar GROSS: *Using Long Read Sequencing to Investigate Genetic and Epigenetic Variability in 400 Twin Pairs*
  - 11:15 Charlotte PAHNKE: *A Systematic Investigation of Assortative Mating by Geographic Location in Germany*
  - 11:30 Dejan PAJIÆ: *Exploring Personality and Genetic Correlates of Risky Behaviour in Virtual Reality*
  - 11:45 Gerit LINNEWEBER: *Cross-Comparisons of Fruit Fly Behavioral Individuality With Twinlife Data*
  - 12:00 Petri KAJONIUS & David Sjöström: *PsiTwin/Psychedelic Experiences With Twins: Genetic and Experiential Contributions and Causes in Mental Health and Well-Being*

12:30 – 13:30 **Lunch** (Mensa)

13:30 – 14:15 **Plenary Discussion** with Moana BEYER et al.: *Challenges and Opportunities in Developing a German Twin Registry* (Room B3009)

14:15 – 14:45 **Special Talk about Collaborations** with Tania Kiehl LUCCI & Emma Otta regarding *The USP Twin Panel*, a Brazilian twin registry (Room B3009)

14:45 – 15:00 **Farewell** (Room B3009)