



Mordechai (Moti) Melamud

On-site inspection expert, nuclear treaty verification and non-proliferation, experimental physicist

About

1967 onwards: employed by the Israel Atomic Energy Commission (IAEC) as a research associate in physics, and later as a senior scientist, at the Nuclear research Centre - Negev (NRCN).

1970s: Lecturer in Experimental Physics at the Physics Department, Ben-Gurion University of the Negev, Beer-Sheva. On sabbatical leave from the NRCN was a visiting professor at The American University, Washington DC, US and a few other scientific institutes around the world.

1984: Group Leader in experimental solid state physics and nuclear NDE methods at the NRCN. Major research interests are the investigation of the crystallographic and magnetic structures of materials and the relation of crystal structure vs. properties, mainly magnetic properties. In the nuclear NDE, field his main interests are in safeguards techniques. In the past few years Dr. Melamud has developed an interest in safeguards and international treaties concerning nuclear disarmament, especially in their verification regime.

1998 - 2002: Employed at the IAEC HQ as a special assistant to the DG for the implementation of the CTBT. As part of this assignment is involved in the CTBT PrepCom and its working groups discussions in Vienna as the head of the Israeli delegation to CTBTO.

2000 - 2002 Head of the delegation of Israel to the CTBTO policy making organs.

2002 - today: Employed in the CTBTO as Chief of Operations and Training Section in the on-site inspection division of the CTBTO/PTS. In charge of inspectorate development. Retired from the CTBTO in October 2011.

Oct 2011-Dec 2012 - Consultant to the Director of On-Site Inspection Division of the CTBTO.

2008 - today: associate member of the PIN group (Processes of International Negotiations program) at Clingendael, The Netherlands (www.pin-negotiations.com)

Experience

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Retiree

RetireeRetiree

[Self employedSelf employedDec 2012 - Present · 12 yrs 7 mosDec 2012 to Present · 12 yrs 7 mosLehavim, IsraelLehavim, Israel](#)

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Processes of International Negotiations

Processes of International NegotiationsProcesses of International Negotiations

[PIN \(Processes of Internatioal Negotiations\) Steering CommiteePIN \(Processes of Internatioal Negotiations\) Steering CommiteeApr 2008 - Present · 17 yrs 3 mosApr 2008 to Present · 17 yrs 3 mosClingendael Institute, The Hague, NetherlandsClingendael Institute, The Hague, Netherlands](#)

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- [https://www.pin-negotiation.org/en/steering-committee/mordechai-melamud/https://www.pin-negotiation.org/en/steering-committee/mordechai-melamud/](https://www.pin-negotiation.org/en/steering-committee/mordechai-melamud/)

President

[CaSE TechnologiesCaSE Technologies1995 - Present · 30 yrs 6 mos1995 to Present · 30 yrs 6 mosLehavim, IsraelLehavim, Israel](#)

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- Developing unique method for online check and evaluation of metal cables.Developing unique method for online check and evaluation of metal cables.

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ConsultantConsultant

CTBTO, OSI DivisionCTBTO, OSI DivisionOct 2011 - Dec 2012 · 1 yr 3 mosOct 2011 to Dec 2012 · 1 yr 3 mosVienna International CentreVienna International Centre

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Chief, Training Section

Chief, Training SectionChief, Training Section

CTBTO, Provisional Technical Secretariat, OSI DivisionCTBTO, Provisional Technical Secretariat, OSI DivisionOct 2002 - Oct 2011 · 9 yrs 1 moOct 2002 to Oct 2011 · 9 yrs 1 moVienna International CentreVienna International Centre

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- RetiredRetired

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Israel Atomic Energy Commission

Israel Atomic Energy CommissionIsrael Atomic Energy Commission

5 yrs 3 mos5 yrs 3 mos

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Head, Isreal delegation to CTBTO policy making organsHead, Isreal delegation to CTBTO policy making organs

2000 - Oct 2002 · 2 yrs 10 mos2000 to Oct 2002 · 2 yrs 10 mos

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- As alternate permanent representative to the CTBTO in ViennaAs alternate permanent representative to the CTBTO in Vienna

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Special Assistant to DG on CTBT implementation and Deputy Director External RelationsSpecial Assistant to DG on CTBT implementation and Deputy Director External Relations

Aug 1997 - Oct 2002 · 5 yrs 3 mosAug 1997 to Oct 2002 · 5 yrs 3 mosIsrael Atomic Energy CommissionIsrael Atomic Energy Commission

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Member of Int. Committee on Verifiability of CTBT

Member of Int. Committee on Verifiability of CTBT
Member of Int. Committee on Verifiability of CTBT

VERTICVERTICOct 2000 - Oct 2000 · 1 moOct 2000 to Oct 2000 · 1 moLondonLondon

- **Senior Scientist, Group leader**

Senior Scientist, Group leader
Senior Scientist, Group leader

Nuclear Research Centre NegevNuclear Research Centre Negev1967 - 1997 · 30 yrs1967 to 1997 · 30 yrs

- **Visiting Professor**

Visiting Professor
Visiting Professor

National Institute of Science and Technology, Gaithersburg, MD, USANational Institute of Science and Technology, Gaithersburg, MD, USAAug 1993 - Aug 1994 · 1 yr 1 moAug 1993 to Aug 1994 · 1 yr 1 mo

- **Visiting Professor**

Visiting Professor
Visiting Professor

National Bureau of Standards, Gaithersburg, MD, USANational Bureau of Standards, Gaithersburg, MD, USAAug 1984 - Aug 1985 · 1 yr 1 moAug 1984 to Aug 1985 · 1 yr 1 mo

- **Visiting Professor**

Visiting Professor
Visiting Professor

The American University, Washington DCThe American University, Washington DCAug 1978 - Aug 1979 · 1 yr 1 moAug 1978 to Aug 1979 · 1 yr 1 mo

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Visiting scientist

Visiting scientistVisiting scientist

Nuclear Research Centre, Kjeller, NorwayNuclear Research Centre, Kjeller, Norway
Jun 1972 - Dec 1972 · 7 mosJun 1972 to Dec 1972 · 7 mos

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Lecturer

Lecturer

The Ben-Gurion University of the Negev, Beer-Sheva, IsraelThe Ben-Gurion University of the Negev, Beer-Sheva, Israel
1968 - 1972 · 4 yrs1968 to 1972 · 4 yrs

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Research assistant

Research assistantResearch assistant

The Weizmann Institute, Rehovot, IsraelThe Weizmann Institute, Rehovot, Israel
Mar 1967 - Oct 1967 · 8 mos

Education

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Weizmann Institute of ScienceWeizmann Institute of Science

Ph.D., Experimental PhysicsPh.D., Experimental Physics1971 - 19761971 - 1976

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The Hebrew University of JerusalemThe Hebrew University of Jerusalem

Skills

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[International Relations](#)[International Relations](#)

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- [Endorsed by Jean du Preez and 3 others who are highly skilled at this](#)[Endorsed by Jean du Preez and 3 others who are highly skilled at this](#)

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- [Endorsed by 21 colleagues at Comprehensive Nuclear-Test-Ban Treaty Organization - CTBTO](#)[Endorsed by 21 colleagues at Comprehensive Nuclear-Test-Ban Treaty Organization - CTBTO](#)

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[33 endorsements](#)[33 endorsements](#)

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[Physics](#)[Physics](#)

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- [Endorsed by 15 colleagues at Comprehensive Nuclear-Test-Ban Treaty Organization - CTBTO](#)[Endorsed by 15 colleagues at Comprehensive Nuclear-Test-Ban Treaty Organization - CTBTO](#)

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[21 endorsements](#)[21 endorsements](#)

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[Research](#)[Research](#)

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- [Endorsed by 11 colleagues at Comprehensive Nuclear-Test-Ban Treaty Organization - CTBTO](#)[Endorsed by 11 colleagues at Comprehensive Nuclear-Test-Ban Treaty Organization - CTBTO](#)

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- [18 endorsements](#)[18 endorsements](#)

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[**Policy AnalysisPolicy Analysis**](#)

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- [15 endorsements](#)[15 endorsements](#)

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[**DiplomacyDiplomacy**](#)

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- [14 endorsements](#)[14 endorsements](#)

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[**International OrganizationsInternational Organizations**](#)

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- [15 endorsements](#)[15 endorsements](#)

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[**NuclearNuclear**](#)

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- [11 endorsements](#)[11 endorsements](#)

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TrainingTraining

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GovernmentGovernment

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NegotiationNegotiation

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[6 endorsements6 endorsements](#)

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PolicyPolicy

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[10 endorsements10 endorsements](#)

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International DevelopmentInternational Development

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[11 endorsements11 endorsements](#)

- **Political SciencePolitical Science**
 - - [9 endorsements9 endorsements](#)

- **Program ManagementProgram Management**
 - - [9 endorsements9 endorsements](#)

- **AnalysisAnalysis**
 - - [8 endorsements8 endorsements](#)

- **PoliticsPolitics**
 - - [6 endorsements6 endorsements](#)

- **Project ManagementProject Management**
 - - [6 endorsements6 endorsements](#)

- **Project PlanningProject Planning**

- - [5 endorsements](#)[5 endorsements](#)

- **EnglishEnglish**

- - [4 endorsements](#)[4 endorsements](#)

- **EnergyEnergy**

- - [4 endorsements](#)[4 endorsements](#)

- **StrategyStrategy**

- - [3 endorsements](#)[3 endorsements](#)

- **LeadershipLeadership**

- - [3 endorsements](#)[3 endorsements](#)

- **NGOsNGOs**

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[2 endorsements2 endorsements](#)

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ScienceScience

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Capacity BuildingCapacity Building

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[3 endorsements3 endorsements](#)

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Data AnalysisData Analysis

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[3 endorsements3 endorsements](#)

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Crisis ManagementCrisis Management

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[2 endorsements2 endorsements](#)