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Abstract for an Invited Paper
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Leo Szilard Lectureship Award: Science Matters – Technical Dimensions of Arms Control and Non-Proliferation Agreements

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Agreements to reduce nuclear arms and prevent proliferation of nuclear weapons are technical as well as political documents. They must be both technically sound and politically acceptable. This presentation illustrates technical aspects of arms control and non-proliferation agreements, with examples from SALT I, INF, the HEU Agreement, START, and the Iran nuclear negotiations, drawing on 44 years of personal experience in the negotiation of these agreements. The lecture is designed to convey an appreciation of the role that individuals with technical training can play in diplomatic efforts to reduce nuclear forces and prevent nuclear proliferation.