

# Electronic System Design Alliance 2021 – 2023 Governing Council Election

## Candidate Statement



John Kibarian

2020 was a challenging year for companies and people around the world. But the events of this past year have also showcased how the foundational power of semiconductor technology enabled many of these same companies and people to keep their businesses running remotely, and provide essential communication between family, friends, and colleagues around the world. The power and importance of cloud computing and AI/ML has never been more evident for the semiconductor and electronics ecosystems. The application of these technologies is also highlighting the need for tighter integration across global supply chains to take full advantage of AI and ML to optimize engineering efficiency and manufacturing profitability.

We are seeing the combination of cloud computing, AI/ML, and end-to-end data are delivering incredible value to IC and electronics manufacturing. It is also becoming clear that maximizing the value of this combination cannot be achieved through mutually exclusive implementations, but requires a holistic approach that encompasses IT, engineering, and manufacturing. This goal cannot be achieved by just one company, but will require collaboration across EDA vendors, equipment suppliers, foundries, OSATs and semiconductor companies.

The combination of ESDA with SEMI is a couple of years old, but like a good merger of two companies, the real benefits take careful cultivation over years to fully materialize. I believe I bring a unique perspective to the governing council. PDF Solutions sits at the intersection of design and manufacturing, and our products and technologies are used by foundries and fabless/system companies alike and more recently, equipment companies as well. From this vantage point I believe that I can provide insights and guidance that will continue to enable ESDA and SEMI to deliver results that benefit all ESDA members.

During my tenure as council member, I have worked to tighten the collaboration between SEMI and ESDA in several areas. Today, PDF Solutions chairs over 10 committees at SEMI helping drive standards that foster sharing of data and collaboration across the supply chain.

I want to continue to serve as a director to foster industry-wide collaboration not just for the challenges arising from the current global pandemic, but for the long-term growth and health of the semiconductor and electronics ecosystem. I would appreciate the opportunity to continue serving on the board, and I ask for your vote.